Vertical Cable is Your END-TO-END NETWORK SOLUTION

ETL VERIFIED SOLUTION:
Category Cables + Patch Cords + Keystone Jacks + Patch Panels

25-YEAR WARRANTY & LIFETIME WARRANTY for connectivity*

*This solution met the strict testing and certification requirements of the ETL Verified program. Check with your Account manager on which products have a Lifetime Warranty.

Vertical Cable is Known for superior quality & Recommended by Installers all over the country

Celebrating 30 Years of Quality and Trust in 2019

Company Timeline

- **July, 1989**: Chiptech, Inc. Opened as a computer manufacturer
- **Nov, 2006**: Converted to distribution company and took on name of Vertical Cable with facilities in CA and FL
- **April, 2013**: Manufacturing Plant opened in Bonham, Texas.
- **June, 2013**: National Sales office established in New York
Vertical Cable has been a leader in the manufacture and supply of bulk low voltage cable, connectivity products, and accessories since 2006.

We stand behind our products and maintain industry standards to ensure 100% customer satisfaction. Our mission is to provide products and services meeting the ever-changing needs of our clients.

Desde 2006, Vertical Cable es líder en la fabricación y suministro de cables de baja tensión, productos de conectividad y accesorios.

Respaldamos nuestros productos y mantenemos los estándares de la industria para garantizar la satisfacción del cliente al 100%. Nuestra misión es proporcionar productos y servicios que satisfagan las necesidades de nuestros clientes.
LOCATIONS

Vertical Cable has multiple stocking locations across the USA. The West Coast location in Temecula, CA, services customers as far as Central USA and Alaska. The North East location in New Windsor, NY, services customers from Canada and the East coast, to Central USA. Finally, the Southern Fort Lauderdale location services as far as South America and the Caribbean. Corporate Headquarters are located in Fort Lauderdale, FL.

FLORIDA

Headquarters
2885 SW 30th Ave
Pembroke Park, FL 33009

Business Hours:
Monday - Friday 7:30 AM - 5:00 PM (EST)

Product Information and Sales:
Sales Inquiries: fl-sales@verticalcable.com
800.749.2447 phone
954.454.2167 fax

Se Habla Español
(pregunta por un representante en español)
NEW YORK

Address:
1073 Route 94, Unit 1
New Windsor, NY 12553

Business Hours:
Monday - Friday 8:30 AM - 5:30 PM (EST)

Product Information and Sales:
Sales Inquiries: ny-sales@verticalcable.com
845.391.8318 phone
845.391.8478 fax

CALIFORNIA

Address:
42600 Rio Nedo
Temecula, CA 92590

Business Hours:
Monday - Friday 8:00 AM - 5:00 PM (PST)

Product Information and Sales:
Sales Inquiries: sales@verticalcable.com
951.696.7772 phone
951.696.2227 fax

Se Habla Español
(pregunta por un representante en español)
ABOUT US

Vertical Cable is a leading Manufacturer and Distributor of bulk low voltage cable and connectivity products. Vertical Cable is known for superior quality products, fast delivery, efficient and friendly customer service & customer satisfaction.

Products
Vertical Cable maintains, and constantly updates a high-performing and cost effective product line. We follow strict quality control procedures.

Certifications and Standards
Our products are inspected and tested to comply with strict FCC, TIA, ETL and UL Standards. Standards maintained include: UL, c(UL), ETL, ETL C/US, c(ETL), TAA, TIA/EIA and ISO 9001:2008 certifications and standards. Vertical Cable is a proud member of BICSI, CEDIA.

Vertical Cable is a proud Member of AiN GROUP.

Warranty
At Vertical Cable, we stand behind our products and offer the best support to our customers. We have one of the best Warranty Programs in the industry – with our 15 Year out of the box Warranty for Category-rated products, and our 25 Year System Solution Warranty.

Vertical Cable is a Member of the HDBaseT Alliance
In 2014 Vertical Cable proudly joined the HDBaseT Alliance. HDBaseT is the best available standard for the recent ultra-HD 4K technologies and Power over Ethernet (PoE). Vertical Cable strives to have the latest technology, which allows us to educate our customers to the most current standards. From our quality products to our customer service, we assure you the best customer care. Most of Vertical Cable Category cables now support HDBaseT specifications. Look for the logo next to the product listing.
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**YOU KNOW ABOUT SUPERIOR QUALITY OF OUR CABLE. TRY VERTICAL CABLE CONNECTIVITY PRODUCTS!**

8,000 SKU’s.
MEET THE CATs

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<thead>
<tr>
<th></th>
<th>CAT3</th>
<th>CAT5E</th>
<th>CAT6</th>
<th>CAT6A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phone Lines</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>-</td>
</tr>
<tr>
<td>Home Network</td>
<td>-</td>
<td>Yes</td>
<td>Yes</td>
<td>-</td>
</tr>
<tr>
<td>Office Network</td>
<td>-</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Data Center</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>Yes</td>
</tr>
<tr>
<td>Max. Data Transmission Speed</td>
<td>10 Mbps</td>
<td>10/100/1000 Mbps</td>
<td>10/100/1000 Mbps</td>
<td>10,000 Mbps</td>
</tr>
<tr>
<td>Time to Transfer 1 Terrabyte</td>
<td>-</td>
<td>3 Hours</td>
<td>3 Hours</td>
<td>20 Minutes</td>
</tr>
<tr>
<td>Data Transmission</td>
<td>-</td>
<td>1000 BASE-T</td>
<td>1000 BASE-TX</td>
<td>10GBASE-T</td>
</tr>
<tr>
<td>Frequency Range Minimum</td>
<td>0 - 16 MHz</td>
<td>0 - 100 MHz</td>
<td>0 - 250 MHz</td>
<td>0 - 500 MHz</td>
</tr>
<tr>
<td>Frequency Maximum</td>
<td>16 MHz</td>
<td>350 MHz</td>
<td>550 MHz</td>
<td>750 MHz</td>
</tr>
</tbody>
</table>

CHOOSING THE RIGHT CABLE
With project deadlines, cost, and the many variations of cable, we want to best assist you in choosing the best option for your needs.

ANATOMY OF THE CABLE
To the naked eye, the anatomy of the different cables does not significantly differ between categories, though each can be identified by the text printed along the length of the cable. The major differences are found in the shielding and how tight the wire pairs are twisted.

The reason why copper cables are twisted as pairs, is because the twisting of two wires would help contain the electromagnetic field that would be created as a result of electrical signals passing through the wires.

TYPES OF INSTALLATIONS
CATEGORY 3 – Voice only
CATEGORY 5E – Voice and/or Data or Video (Residential)
CATEGORY 6 – Data or Video (Commercial/Education)
CATEGORY 6A – Data 10 GHz (Education/High Data Traffic facility)

UTP AND F/UTP
UTP: Unshielded Twisted Pair
Four pairs of two insulated copper wires twisted around each other to reduce crosstalk or electromagnetic induction between the pairs. No metallic foil or braid is present.

F/UTP: Foil Over Unshielded Twisted Pair
Four pairs of two insulated copper wires twisted around each other to reduce crosstalk or electromagnetic induction between the pairs with an overall metallic foil wrapped around the pairs.

WHAT IS POWER OVER ETHERNET?
Power over Ethernet (PoE) is a technology that lets network cables carry electrical power.

For example, a digital security camera normally requires two connections to be made when it is installed:
• A network connection, in order to be able to communicate with video recording and display equipment.
• A power connection, to deliver the electrical power the camera needs to operate.

Network cables, such as CAT5E and CAT6, comprise eight wires arranged as four twisted pairs. In 10/100BASE-T Ethernet, two of these pairs are used for sending information, and these are known as the data pairs. The other two pairs are unused and are referred to as the spare pairs (Gigabit Ethernet uses all four pairs).
Devices that use Power over Ethernet: VoIP phones (the original PoE application), IP Cameras, Wireless.
<table>
<thead>
<tr>
<th>Type / Category</th>
<th>CAT5E</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMP UTP Plenum</td>
<td>156 Series - ETL - Made in USA</td>
</tr>
<tr>
<td>CMP UTP Plenum</td>
<td>157 Series - UL - Made in USA</td>
</tr>
<tr>
<td>CMP UTP Riser</td>
<td>151 Series - TAA Compliant</td>
</tr>
<tr>
<td>Multipair CM (UTP, CMR (F/UTP)</td>
<td>054, 057 Series</td>
</tr>
<tr>
<td>Stranded UTP (more flexible)</td>
<td>058 Series</td>
</tr>
<tr>
<td>CMP F/UTP Plenum</td>
<td>057 Series - UL - TAA Compliant</td>
</tr>
<tr>
<td>CMR F/UTP Riser</td>
<td>057 Series</td>
</tr>
<tr>
<td>Outdoor CMX With messenger</td>
<td>059 Series</td>
</tr>
<tr>
<td>Direct Burial Gel flooded core (CMXF) Dual Jacket (CMX)</td>
<td>059 Series</td>
</tr>
</tbody>
</table>

Short lengths available CAT5E CMP UTP, CAT6 CMP UTP Pre-cut lengths 500-950 FT Limited quantity
High performance cable Multiple colors Made in USA

WE’VE GOT COLOR

MADE IN USA
CAT5E & CAT6 CMP UTP
High-Performance Cable. Superior Quality. Any Color™.
Order in white, black, yellow, red, blue, orange, gray, green, purple & pink. *Custom colors available.
**CAT5E Cable**

**CAT5E Solid CMP Plenum Rated (UTP) - ETL-Listed - Made in USA**

Vertical Cable offers a complete line of CAT5E 350MHz cable produced domestically in the USA. Our CMP cables pass all appropriate fire ratings for approved use in air-handling such as drop ceilings and air-vents, Vertical Cable USA Made plenum cable is designed to meet rigorous fire safety standards.

![CAT5E Cable Image](image)

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>156-200/P/BK</td>
<td>CAT5E 350MHz Cable, MADE IN USA, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Black</td>
</tr>
<tr>
<td>156-201/P/BL</td>
<td>CAT5E 350MHz Cable, MADE IN USA, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Blue</td>
</tr>
<tr>
<td>156-202/P/GR</td>
<td>CAT5E 350MHz Cable, MADE IN USA, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Green</td>
</tr>
<tr>
<td>156-203/P/GY</td>
<td>CAT5E 350MHz Cable, MADE IN USA, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Gray</td>
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<tr>
<td>156-204/P/OR</td>
<td>CAT5E 350MHz Cable, MADE IN USA, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Orange</td>
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<tr>
<td>156-205/P/PK</td>
<td>CAT5E 350MHz Cable, MADE IN USA, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Pink</td>
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<tr>
<td>156-206/P/PR</td>
<td>CAT5E 350MHz Cable, MADE IN USA, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Purple</td>
</tr>
<tr>
<td>156-207/P/RD</td>
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</tr>
<tr>
<td>156-208/P/WH</td>
<td>CAT5E 350MHz Cable, MADE IN USA, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, White</td>
</tr>
<tr>
<td>156-209/P/YL</td>
<td>CAT5E 350MHz Cable, MADE IN USA, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Yellow</td>
</tr>
</tbody>
</table>

**Features:**

- High-Performance Data Cable
- Suitable for High-Speed Data Applications, Fast Ethernet and 155Mbps TP-PMD/CDDI
- Flame Retardant – Plenum
- Easily Identified Color-Striped Pairs
- Unshielded Twisted Pair (UTP) Cable
- 24AWG Solid Bare Copper Conductors
- Exceeds TIA 568-C.2 specifications
- Excellent Attenuation and Crosstalk Characteristics
- ETL Verified, ETL Listed, RoHS Compliant
- MADE IN USA

**CAT5E Solid CMP Plenum Rated (UTP) - UL-Listed - Made in USA**

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>157-300/P/BK</td>
<td>CAT5E 350MHz Cable, MADE IN USA, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Black</td>
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<tr>
<td>157-301/P/BL</td>
<td>CAT5E 350MHz Cable, MADE IN USA, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Blue</td>
</tr>
<tr>
<td>157-302/P/GR</td>
<td>CAT5E 350MHz Cable, MADE IN USA, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Green</td>
</tr>
<tr>
<td>157-303/P/GY</td>
<td>CAT5E 350MHz Cable, MADE IN USA, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Gray</td>
</tr>
<tr>
<td>157-304/P/OR</td>
<td>CAT5E 350MHz Cable, MADE IN USA, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Orange</td>
</tr>
<tr>
<td>157-305/P/PK</td>
<td>CAT5E 350MHz Cable, MADE IN USA, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Pink</td>
</tr>
<tr>
<td>157-306/P/PR</td>
<td>CAT5E 350MHz Cable, MADE IN USA, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Purple</td>
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<tr>
<td>157-307/P/RD</td>
<td>CAT5E 350MHz Cable, MADE IN USA, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Red</td>
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<tr>
<td>157-308/P/WH</td>
<td>CAT5E 350MHz Cable, MADE IN USA, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, White</td>
</tr>
<tr>
<td>157-309/P/YL</td>
<td>CAT5E 350MHz Cable, MADE IN USA, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Yellow</td>
</tr>
</tbody>
</table>

**Add these items:**

- Keystone Jacks 351 Series
- Plugs 011/012 Series
- Slip-on Boots 015 Series
CAT5E Solid Plenum (UTP)

CAT5E 350MHz Plenum Cable is made from flame retardant materials. It is used in spaces designated for air-handling such as drop ceilings that conceal return air vents in office buildings. Vertical Cable Plenum cables are designed to meet rigorous fire safety standards, and provide cabling solutions for fire prone areas. This CAT5E Plenum cable is UL Listed.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>056-460/P/BK</td>
<td>CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Black</td>
</tr>
<tr>
<td>056-461/P/BL</td>
<td>CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Blue</td>
</tr>
<tr>
<td>056-462/P/GR</td>
<td>CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Green</td>
</tr>
<tr>
<td>056-463/P/GY</td>
<td>CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Gray</td>
</tr>
<tr>
<td>056-468/P/OR</td>
<td>CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Orange</td>
</tr>
<tr>
<td>056-469/P/PK</td>
<td>CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Pink</td>
</tr>
<tr>
<td>056-465/P/PR</td>
<td>CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Purple</td>
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<tr>
<td>056-464/P/RO</td>
<td>CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Red</td>
</tr>
<tr>
<td>056-466/P/WH</td>
<td>CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, White</td>
</tr>
<tr>
<td>056-467/P/YL</td>
<td>CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Yellow</td>
</tr>
</tbody>
</table>

Features:
- High-Performance Data Cable
- Suitable for High-Speed Data Applications, Fast Ethernet and 155Mbps TP-PMD/CDDI
- Flame Retardant – Plenum
- Easily Identified Color-Striped Pairs
- Unshielded Twisted Pair (UTP) Cable
- 24AWG Solid Bare Copper Conductors
- Exceeds ANSI/TIA 568-C.2 specifications
- Excellent Attenuation and Crosstalk Characteristics
- ETL Verified, UL Listed, RoHS Compliant
- 1000ft Pull Box

CAT5E Solid Plenum (F/UTP)

CAT5E 350MHz Plenum Shielded Cable is made from flame retardant materials. Vertical Cable Plenum cables provide solutions for fire prone areas and adhere to stringent fire safety standards. The shield protects the signal from electromagnetic interference (EMI). EMI is caused by electrical circuits present around the cable from objects such as elevators, power lines, electric motors, fluorescent lights, thermostats, air conditioners or microwaves.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>057-479/S/P/BL</td>
<td>CAT5E 350MHz Cable, Plenum/Shielded, 24AWG, F/UTP, 4 Pairs, 1000ft, Blue</td>
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<tr>
<td>057-480/S/P/GY</td>
<td>CAT5E 350MHz Cable, Plenum/Shielded, 24AWG, F/UTP, 4 Pairs, 1000ft, Gray</td>
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<tr>
<td>057-481/S/P/WH</td>
<td>CAT5E 350MHz Cable, Plenum/Shielded, 24AWG, F/UTP, 4 Pairs, 1000ft, White</td>
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<tr>
<td>057-482/S/P/BK</td>
<td>CAT5E 350MHz Cable, Plenum/Shielded, 24AWG, F/UTP, 4 Pairs, 1000ft, Black</td>
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<td>057-483/S/P/GR</td>
<td>CAT5E 350MHz Cable, Plenum/Shielded, 24AWG, F/UTP, 4 Pairs, 1000ft, Green</td>
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<tr>
<td>057-484/S/P/YL</td>
<td>CAT5E 350MHz Cable, Plenum/Shielded, 24AWG, F/UTP, 4 Pairs, 1000ft, Yellow</td>
</tr>
</tbody>
</table>

Features:
- High-Performance Data Cable
- 350MHz Bandwidth for Data Applications, Fast Ethernet and 155Mbps TP-PMD/CDDI
- Category-5E Solid, with an overall foil/shield
- Easily Identified Color-Striped Pairs
- 24AWG Solid Copper Conductors
- Exceeds ANSI/TIA-568C.2, ISO/IEC 11801
- CMP Rated
- UL Listed, RoHS Compliant (and/or TAA Compliant)
- 1000ft Pull Box
CAT5E Solid (UTP) - TAA Compliant

**Features:**
- High-Performance Data Cable
- 350MHz Bandwidth for Data Applications, Fast Ethernet and 155Mbps TP-PMD/CDDI
- Category-5E Unshielded Twisted Pair
- Easily Identified Color-Striped Pairs
- 24AWG Solid Copper Conductors
- Exceeds ANSI/TIA-568 C.2, ISO/IEC 11801
- Riser Rated PVC Jacket
- ETL Listed, RoHS Compliant, TAA Compliant
- 1000ft Pull Box

**Item #** | **Description**
--- | ---
151-101/BK | CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, 1000ft, Black
151-102/BL | CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, 1000ft, Blue
151-103/GR | CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, 1000ft, Green
151-104/GY | CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, 1000ft, Gray
151-105/OR | CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, 1000ft, Orange
151-106/PK | CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, 1000ft, Pink
151-107/PR | CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, 1000ft, Purple
151-108/RY | CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, 1000ft, Red
151-109/WH | CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, 1000ft, White
151-110/YL | CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, 1000ft, Yellow

**CAT5E Solid (UTP) - HDBaseT**

CAT5E 350MHz Bulk Cable is the industry standard for data communication applications: structured cabling and computer networks as well as Ethernet. Compared to CAT3 Cable, CAT5E has more twists, which allows for less internal interference and better signal quality. In addition, the CAT5E allows faster networking and longer cable runs. Fully supports HDBaseT specifications.

**Features:**
- High-Performance Data Cable
- 350MHz Bandwidth for Data Applications, Fast Ethernet and 155Mbps TP-PMD/CDDI
- Category-5E Unshielded Twisted Pair
- Easily Identified Color-Striped Pairs
- 24AWG Solid Copper Conductors
- Exceeds ANSI/TIA-568 C.2, ISO/IEC 11801
- Riser Rated PVC Jacket
- ETL Listed, RoHS Compliant, TAA Compliant
- 1000ft Pull Box

**Item #** | **Description**
--- | ---
054-444BK | CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, 1000ft, Black
054-445BL | CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, 1000ft, Blue
054-447GY | CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, 1000ft, Gray
054-446GR | CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, 1000ft, Green
054-2392OR | CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, 1000ft, Orange
054-2393/PK | CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, 1000ft, Pink
054-448PR | CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, 1000ft, Purple
054-449RD | CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, 1000ft, Red
054-450WH | CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, 1000ft, White
054-451YL | CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, 1000ft, Yellow
**CAT5E Stranded (UTP)**

CAT5E 350MHz Stranded Cable is more pliable than its CAT5E Solid counterpart, and is the best cable to use for shorter-distance jobs or movable cabling. As always, Vertical Cable CAT5E Stranded meets and exceeds TIA/EIA-568C.2 standards.

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**Item # Description**

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>058-476/ST/BK</td>
<td>CAT5E 350MHz, 24AWG, UTP, 4 Pairs, Stranded, 1000ft, Black</td>
</tr>
<tr>
<td>058-477/ST/BL</td>
<td>CAT5E 350MHz, 24AWG, UTP, 4 Pairs, Stranded, 1000ft, Blue</td>
</tr>
<tr>
<td>058-479/ST/GY</td>
<td>CAT5E 350MHz, 24AWG, UTP, 4 Pairs, Stranded, 1000ft, Gray</td>
</tr>
<tr>
<td>058-478/ST/GR</td>
<td>CAT5E 350MHz, 24AWG, UTP, 4 Pairs, Stranded, 1000ft, Green</td>
</tr>
<tr>
<td>058-1936/ST/OR</td>
<td>CAT5E 350MHz, 24AWG, UTP, 4 Pairs, Stranded, 1000ft, Orange</td>
</tr>
<tr>
<td>058-481/ST/RD</td>
<td>CAT5E 350MHz, 24AWG, UTP, 4 Pairs, Stranded, 1000ft, Red</td>
</tr>
<tr>
<td>058-482/ST/W</td>
<td>CAT5E 350MHz, 24AWG, UTP, 4 Pairs, Stranded, 1000ft, White</td>
</tr>
<tr>
<td>058-483/ST/YL</td>
<td>CAT5E 350MHz, 24AWG, UTP, 4 Pairs, Stranded, 1000ft, Yellow</td>
</tr>
<tr>
<td>058-480/ST/PR</td>
<td>CAT5E 350MHz, 24AWG, UTP, 4 Pairs, Stranded, 1000ft, Purple</td>
</tr>
</tbody>
</table>

**Features:**

- High-Performance Data Cable
- 350MHz Bandwidth for Data Applications, Fast Ethernet and 155Mbps TP-PMD/CDDI
- Category-5E Unshielded Twisted Pair
- Easily Identified Color-Striped Pairs
- 24AWG Stranded Copper Conductors
- Exceeds ANSI/TIA 568 C.2
- ETL Listed, RoHS Compliant
- 1000ft Pull Box

---

**With Cat5E Cables Our Customers usually buy these products:**

- **J Hook**
- **351 Series**
- **Keystone Jack**
- **Surface Mount Boxes**
- **Velcro Tie Wrap**
- **Brush Type Panel**
- **Vertical Cable Manager**
CAT5E Cable ➤ CAT5E

CAT5E Solid (F/UTP)
Vertical Cable CAT5E 350MHz Shielded Cable is vital for installations in interference prone areas. In contrast to its CAT5E Unshielded counterpart, shielded cable blocks out electromagnetic interference or EMI, which can slow down proper signal flow. EMI is caused by electrical circuits present around the cable from just about anything: elevators, power lines, electric motors, fluorescent lights, thermostats, air conditioners or microwaves.

**Features:**
- High-Performance Data Cable
- 350MHz Bandwidth for Data Applications, Fast Ethernet and 155Mbps TP-PMD/CDDI
- Category-5E with an overall foil/shield
- Easily Identified Color-Striped Pairs
- 24AWG Solid Copper Conductors
- Exceeds ANSI/TIA-568C.2 Standards
- ETL Listed, RoHS Compliant
- 1000ft Pull Box

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>057-468/S/BK</td>
<td>CAT5E 350MHz Cable, Solid, 24AWG, F/UTP, 4 Pairs, 1000ft, Black</td>
</tr>
<tr>
<td>057-469/S/BL</td>
<td>CAT5E 350MHz Cable, Solid, 24AWG, F/UTP, 4 Pairs, 1000ft, Blue</td>
</tr>
<tr>
<td>057-470/S/GR</td>
<td>CAT5E 350MHz Cable, Solid, 24AWG, F/UTP, 4 Pairs, 1000ft, Green</td>
</tr>
<tr>
<td>057-471/S/GY</td>
<td>CAT5E 350MHz Cable, Solid, 24AWG, F/UTP, 4 Pairs, 1000ft, Gray</td>
</tr>
<tr>
<td>057-476/S/OR</td>
<td>CAT5E 350MHz Cable, Solid, 24AWG, F/UTP, 4 Pairs, 1000ft, Orange</td>
</tr>
<tr>
<td>057-472/S/PR</td>
<td>CAT5E 350MHz Cable, Solid, 24AWG, F/UTP, 4 Pairs, 1000ft, Purple</td>
</tr>
<tr>
<td>057-473/S/FR</td>
<td>CAT5E 350MHz Cable, Solid, 24AWG, F/UTP, 4 Pairs, 1000ft, Red</td>
</tr>
<tr>
<td>057-474/S/WH</td>
<td>CAT5E 350MHz Cable, Solid, 24AWG, F/UTP, 4 Pairs, 1000ft, White</td>
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<tr>
<td>057-475/S/YL</td>
<td>CAT5E 350MHz Cable, Solid, 24AWG, F/UTP, 4 Pairs, 1000ft, Yellow</td>
</tr>
</tbody>
</table>

CAT5E Stranded (F/UTP)
Vertical Cable CAT5E Stranded/ Shielded allows for pliability, and is especially useful for making patch cables. The shielding protects the signal from electromagnetic interference (EMI), found just about anywhere these days.

**Features:**
- High-Performance Data Cable
- 350MHz Bandwidth for Data Applications, Fast Ethernet and 155Mbps TP-PMD/CDDI
- Category-5E with an overall foil/shield
- Easily Identified Color-Striped Pairs
- 24AWG Solid Copper Conductors
- Exceeds ANSI/TIA 568 C.2, ISO/IEC 11801
- Riser Rated PVC Jacket
- ETL Listed, RoHS Compliant
- 1000ft Pull Box

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>057-484/S/ST/GY</td>
<td>CAT5E 350MHz Cable, Stranded/Shielded, 24 AWG, F/UTP, 4 Pairs, 1000ft, Gray</td>
</tr>
<tr>
<td>057-485/S/ST/WH</td>
<td>CAT5E 350MHz Cable, Stranded/Shielded, 24 AWG, F/UTP, 4 Pairs, 1000ft, White</td>
</tr>
<tr>
<td>057-483/S/ST/BL</td>
<td>CAT5E 350MHz Cable, Stranded/Shielded, 24 AWG, F/UTP, 4 Pairs, 1000ft, Blue</td>
</tr>
</tbody>
</table>
CAT5E 25, 50 Pair Power Sum (UTP)

Vertical Cable CAT5E 25 Pair is ideal for Ethernet applications (100Base-T), Video to the Desktop, Multimedia, High speed Voice/Data applications, ISDN, 55/155 Mbps ATM, 100Base-TX, 100Base-T, 100Base VG-AnyLan.

**Features:**
- High-Performance Data Cable
- 350MHz Bandwidth for Data Applications, Fast Ethernet and 155Mbps TP-PMD/CDDI
- Category-5E Unshielded Twisted Pair
- Easily Identified Color-Striped Pairs
- 24AWG Solid Copper Conductors
- Exceeds ANSI/TIA 568 C.2, ISO/IEC 11801
- ETL Listed, RoHS Compliant

<table>
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<tr>
<th>Item #</th>
<th>Description</th>
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<tbody>
<tr>
<td>054-454BL</td>
<td>CAT5E 25 Pair Power Sum, PVC Jacket, AWG 24, Solid BC, Blue</td>
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<tr>
<td>054-453GY</td>
<td>CAT5E 25 Pair Power Sum, PVC Jacket, AWG 24, Solid BC, Gray</td>
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<tr>
<td>054-452WH</td>
<td>CAT5E 25 Pair Power Sum, PVC Jacket, AWG 24, Solid BC, White</td>
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<tr>
<td>054-455/BL</td>
<td>CAT5E 50 Pair Power Sum, PVC Jacket, AWG 24, Solid BC, Blue</td>
</tr>
<tr>
<td>054-456/WH</td>
<td>CAT5E 50 Pair Power Sum, PVC Jacket, AWG 24, Solid BC, White</td>
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</tbody>
</table>

CAT5E 25 Pair (F/UTP)

This Multipair CAT5E cable comes with a special addition of aluminum foil (as well as PE tape). The foil protects the cable signal in high EMI environments.

**Features:**
- High-Performance Data Cable
- 350MHz Bandwidth for Data Applications, Fast Ethernet and 155Mbps TP-PMD/CDDI
- Category-5E with an overall foil/shielded
- Easily Identified Color-Striped Pairs
- 24AWG Solid Copper Conductors
- Exceeds ANSI/TIA 568 C.2, ISO/IEC 11801
- ETL Listed, RoHS Compliant

<table>
<thead>
<tr>
<th>Item #</th>
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</tr>
</thead>
<tbody>
<tr>
<td>057-486/S/BL</td>
<td>CAT5E 350MHz Cable, 25 Pairs, Solid/Shielded, 24 AWG, F/UTP, 1000 FT Spool, Blue</td>
</tr>
<tr>
<td>057-487/S/WH</td>
<td>CAT5E 350MHz Cable, 25 Pairs, Solid/Shielded, 24 AWG, F/UTP, 1000 FT Spool, White</td>
</tr>
</tbody>
</table>
CAT5E 25 Pair Direct Burial

Vertical Cable CAT5E Direct Burial Multipair cable features an outdoor jacket, especially designed to withstand outdoor environment conditions, such as erosion and UV light. It also comes gel filled and with PE tape to protect against water. This cable is designed for direct burial applications. A filler is included for added cable structure.

**Item #**
059-488/CMXF25P

**Description**
CAT-5E CMXF Direct Burial, Flooded Core, 50-Conductor, AWG24 Solid Bare Copper, Black

**Features:**
- High-Performance Data Cable
- 25 Pair Category-5E Unshielded Twisted Pair
- Easily Identified Color-Striped Pairs
- 24AWG Solid Copper Conductors
- Exceeds ANSI/TIA-568C.2
- Direct Burial Gel Filled (Flooded Core)
- ETL Listed, RoHS Compliant
CAT5E Outdoor Cable, CMX

In comparison to CAT5E Riser, which is made for indoor applications only, the CMX can be installed outside, above ground, and exposed to the sun. Vertical Cable CAT5E 350MHz CMX has the highest UV resistance out of all Vertical Cable outdoor cables. The jacket is LLDPE. The 100% solid bare copper twisted pairs cut and strip just as well, and come with a ripcord.

CAT5E Direct Burial, CMXF (UTP, F/UTP)

This type of CAT5E direct burial cable features a flooded gel core, which helps protect the cable from water underground. This cable features a tough LLDPE jacket and can be buried directly underground. For a longer cable lifetime, conduit is recommended. This cable also comes in a shielded variety to protect from EMI in highly wired areas.
**CAT5E Direct Burial, CMXT (F/UTP)**

Vertical Cable CAT5E CMXT comes with a dual jacket. These elements help protect the cable from water underground. The outer jacket is Low Smoke Zero Halogen. For best results in direct burial applications use conduit with the CAT5E CMXT. For more weather resistant CAT5E direct burial use the CWT cable found under “CAT5E Outdoor Cable, Cell Tower Applications” below.

### Item # Description

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>059-486/CMXT</td>
<td>CAT5E Direct Burial, Shielded, Waterblock Tape, Drain Wire, Dual Jacket, LSZH Outer Jacket, 1000ft, Pull Box, Black</td>
</tr>
<tr>
<td>059-486/US/CMXT</td>
<td>CAT5E Direct Burial, Unshielded, Drain Wire, Dual Jacket, LSZH Outer Jacket, 1000ft, Pull Box, Black</td>
</tr>
<tr>
<td>059-490/WS/CMXT</td>
<td>CAT5E Direct Burial, Shielded, Waterblock Tape, Drain Wire, Dual Jacket, LSZH Outer Jacket, 1000ft, Spool, Black</td>
</tr>
<tr>
<td>059-493/CMXT2K</td>
<td>CAT5E Direct Burial, Shielded, Waterblock Tape, Drain Wire, Dual Jacket, LSZH Outer Jacket, 2000ft, Spool, Black</td>
</tr>
<tr>
<td>059-502/DT/CMXT</td>
<td>Category-5E Direct Burial, Water Block Tape, Shielded w/Drain Wire, 24AWG Solid Copper, Black, 1000ft, Wooden Spool</td>
</tr>
</tbody>
</table>

### Features:

- High-Performance Data Cable
- 350MHz Bandwidth for Data Applications, Fast Ethernet and 155Mbps TP-PMD/CDDI
- Category-5E Twisted Pair
- Easily Identified Color-Striped Pairs 24AWG Solid Copper Conductors
- Exceeds ANSI/TIA, ISO/IEC 11801
- Dual Jacket and Waterblock Tape
- LSZH Outer Jacket
- ETL Listed, RoHS Compliant
- 1000ft Pull Box or Wooden Spool

---

**CAT5E Direct Burial, Waterblock Tape, CMXT (F/UTP)**

### Item # Description

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>059-502/DT/CMXT</td>
<td>Category-5E Direct Burial, Water Block Tape, Shielded with Drain Wire, 24AWG Solid Copper, 1000ft, Wooden Spool</td>
</tr>
</tbody>
</table>

### Features:

- Category-5E with Overall Shield
- High-Performance Data Cable
- 24AWG Solid Copper Conductors
- Exceeds ANSI/TIA-568C.2, ISO/IEC 11801
- ETL Listed, RoHS Compliant
- 1000ft Wooden Spool

---

### With This Product You May Need:

- CAT5E RJ45 Outdoor Waterproof – Shielded Coupler
  
### Other Outdoor & Direct Burial Cables by Vertical Cable:

- **AUDIO CABLE**
  - 12, 14, 16, 18 Gauge
  - 24 Conductors
  - 209 Series with “DB” in description

- **COAXIAL CABLE**
  - RG11, RG59, RG59 Siamese, RG6 Siamese, RG6 Quad Shield
  - 107 Series

- **CATEGORY 6 & 6A CABLES**
  - Water Block Tape (CMXT)
  - Gel-Flooded (CMXF)
  - 069 Series

---

**Vertical Cable**

- California 951.696.7772
- Florida 800.749.2447
- New York 845.391.8318

[verticalcable.com]
**CAT5E Outdoor Cable**

**CAT5E Outdoor Cable, Cell Tower Applications**

Vertical CAT5E Cell Tower cables have 2 necessary components. The first is a tough outdoor rated LLDPE jacket - this jacket withstands weather and UV rays. The second is an aluminum and/or braid shield to protect from EMI typically present around cell towers. Our popular CWT cable has a dual jacket for extra weather protection. The CWT is also a great fit for Direct Burial CMXT applications.

---

**Features:**
- Category-5E Shielded Twisted Pair
- Aluminum Foil and/or 95% TC Braid
- High-Performance Data Cable
- LLDPE Outer Jacket
- For Cell Tower Applications
- Easily Identified Color-Striped Pairs
- 24AWG Solid Copper Conductors
- Exceeds ANSI/TIA-568C.2
- ETL Listed, RoHS Compliant
- 1000ft Wooden Spool

---

**Item #**

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>059-494/W/CWT</td>
<td>CAT5E, Cell Tower Outdoor or Direct Burial, Dual Jacket, LLDPE Outer Jacket, 8-Conductor, Solid Bare Copper, 1000ft Wooden Spool, Black</td>
</tr>
<tr>
<td>059-494/RB/CWT</td>
<td>CAT5E, Cell Tower Outdoor or Direct Burial, Dual Jacket, LLDPE Outer Jacket, 8-Conductor, Solid Bare Copper, 1000ft Reel in Box, Black</td>
</tr>
<tr>
<td>059-495/S1/CWT</td>
<td>CAT5E, Cell Tower Outdoor, Shielded, Drain Wire, LLDPE Jacket, 8-Conductor, Solid Bare Copper, 1000ft Wooden Spool, Black</td>
</tr>
<tr>
<td>059-496/S2/CWT</td>
<td>CAT5E, Cell Tower Outdoor, Shielded, Drain Wire, 95% TC Braid, LLDPE Jacket, 8-Conductor, Solid Bare Copper, 1000ft Wooden Spool, Black</td>
</tr>
</tbody>
</table>

**Cell Tower Applications**

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**CAT5E Outdoor Cable with Messenger for Aerial Applications**

In addition to having an outdoor rating, the CAT5E with Messenger includes a high strength exterior supporting wire called “Messenger.” Its sole purpose is to provide stiffness and strength to the cable. This cable is intended for aerial pole-to-pole installations. This cable is also available with an aluminum shield for high EMI areas.

---

**Features:**
- Ideal for Outdoor Aerial Applications
- Galvanized Steel Messenger for Support
- Outdoor Rated, UV resistant
- LLDPE Jacket
- Easily Identified Color-Striped Pairs
- 24AWG Solid Copper Conductors
- Exceeds ANSI/TIA-568C.2 Standards
- ETL Listed, RoHS Compliant
- 1000ft Wooden Spool

---

**Item #**

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>059-497/MESG</td>
<td>CAT5E UTP, Outdoor Rated Cable with Messenger, Aerial Applications, Unshielded, LLDPE Jacket, 24AWG Solid Bare Copper, 1000ft, Wooden Spool</td>
</tr>
<tr>
<td>059-498/S/MESG</td>
<td>CAT5E F/UTP, Outdoor Rated Cable with Messenger, Aerial Applications, Shielded, LLDPE Jacket, 24AWG Solid Bare Copper, 1000ft, Wooden Spool</td>
</tr>
</tbody>
</table>

**Aerial Applications**
** CATEGORY 6 CABLE **

** Type / Category | CAT6 **
--- | ---
CMP UTP Plenum | 166 Series - ETL - Made in USA
CMP UTP Plenum | 167 Series - UL - Made in USA 066 Series - TAA Compliant
CMR UTP Riser | 161 Series - TAA Compliant 060 Series
Stranded UTP (more flexible) | 063 Series
CMP F/UTP Plenum | 168 Series - UL
CMR STP Riser | 062 Series
Outdoor CMX With messenger | 069 Series
Direct Burial Gel Flooded core (CMXF) Water Block Tape (CMXT) Dual Jacket | 069 Series
LSZH Jacket (Low Smoke) | 070 Series

**FACT from CAT**
CAT6 cable is better able to avoid crosstalk and provide faster speeds than the CAT5E variants thanks to it’s heavier wire shielding and tighter pair twists.

**CAT6 Solid CMP Plenum Rated (UTP) - ETL-Listed - Made in USA**
This CAT6 plenum from Vertical Cable is domestically produced in the USA. CAT6 Plenum all appropriate fire ratings for the plenum designation, safe to use in air-handling such as drop ceilings and air-vents. This cable is made with 100% bare copper, and has excellent attenuation and crosstalk characteristics.

**Item # | Description**
--- | ---
166-250/P/BK | CAT6 550MHz Cable, MADE IN USA, 23AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Black
166-251/P/BL | CAT6 550MHz Cable, MADE IN USA, 23AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Blue
166-252/P/GR | CAT6 550MHz Cable, MADE IN USA, 23AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Green
166-253/P/GY | CAT6 550MHz Cable, MADE IN USA, 23AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Gray
166-254/P/OR | CAT6 550MHz Cable, MADE IN USA, 23AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Orange
166-255/P/PK | CAT6 550MHz Cable, MADE IN USA, 23AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Pink
166-256/P/PR | CAT6 550MHz Cable, MADE IN USA, 23AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Purple
166-257/P/RD | CAT6 550MHz Cable, MADE IN USA, 23AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Red
166-258/P/WB | CAT6 550MHz Cable, MADE IN USA, 23AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, White
166-259/P/YL | CAT6 550MHz Cable, MADE IN USA, 23AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Yellow

**Features:**
- High-Performance 550MHz Category-6 Data Cable
- Suitable for High-Speed Data Applications, Fast Ethernet and 155Mbps TP-PMD/CDDI
- Flame Retardant – Plenum
- Easily Identified Color-Striped Pairs
- Unshielded Twisted Pair (UTP) Cable
- 23AWG Solid Bare Copper Conductors
- Exceeds ANSI/TIA 568-C.2 specifications
- Excellent Attenuation and Crosstalk Characteristics
- Color-coded box labels
- ETL Listed, RoHS Compliant
- MADE IN USA
- 1000ft Pull Box
CAT6 Solid CMP Plenum Rated (UTP) - UL-Listed - Made in USA

This CAT6 plenum from Vertical Cable is domestically produced in the USA. CAT6 Plenum all appropriate fire ratings for the plenum designation, safe to use in air-handling such as drop ceilings and air-vents. This cable is made with 100% bare copper, and has excellent attenuation and crosstalk characteristics.

Features:
- High-Performance 550MHz Category-6 Data Cable
- Suitable for High-Speed Data Applications, Fast Ethernet and 155Mbps TP-PMD/CDDI
- Flame Retardant – Plenum
- Easily Identified Color-Striped Pairs
- Unshielded Twisted Pair (UTP) Cable
- 23AWG Solid Bare Copper Conductors
- Exceeds ANSI/TIA 568-C.2 specifications
- Excellent Attenuation and Crosstalk Characteristics
- Color-coded box labels
- UL Listed, RoHS Compliant
- MADE IN USA
- 1000ft Pull Box

Item # | Description
---|---
167-100/P/BK | CAT6 550MHz Cable, MADE IN USA, 23AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Black
167-101/P/BL | CAT6 550MHz Cable, MADE IN USA, 23AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Blue
167-102/P/GR | CAT6 550MHz Cable, MADE IN USA, 23AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Green
167-103/P/GY | CAT6 550MHz Cable, MADE IN USA, 23AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Gray
167-104/P/OR | CAT6 550MHz Cable, MADE IN USA, 23AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Orange
167-105/P/PK | CAT6 550MHz Cable, MADE IN USA, 23AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Pink
167-106/P/PR | CAT6 550MHz Cable, MADE IN USA, 23AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Purple
167-107/P/RD | CAT6 550MHz Cable, MADE IN USA, 23AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Red
167-108/P/WH | CAT6 550MHz Cable, MADE IN USA, 23AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, White
167-109/P/YL | CAT6 550MHz Cable, MADE IN USA, 23AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Yellow

NO TANGLES.
Only Superior Quality Made in USA Cable
CAT6 Cable  

CAT6 Solid (UTP) - TAA Compliant

CAT6 Solid (UTP)  

CAT6 550MHz PVC Bulk Cable provides even higher performance than our CAT5E Cable, further reducing crosstalk. The cable includes a divider that separates the twisted pairs from one another. CAT6 is standard for Gigabit Ethernet installations. Vertical Cable Twisted Pair cable cuts and strips well and comes with a ripcord. The color-striped pairs are easily identifiable for quick and easy termination. This cable is listed with ETL and fully supports HDBaseT specifications.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>161-101/BK</td>
<td>CAT6, 550MHz, 23AWG, UTP, 4 Pairs, Solid,1000ft, Black</td>
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<tr>
<td>161-102/BL</td>
<td>CAT6, 550MHz, 23AWG, UTP, 4 Pairs, Solid,1000ft, Blue</td>
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<tr>
<td>161-103/GR</td>
<td>CAT6, 550MHz, 23AWG, UTP, 4 Pairs, Solid,1000ft, Green</td>
</tr>
<tr>
<td>161-104/GY</td>
<td>CAT6, 550MHz, 23AWG, UTP, 4 Pairs, Solid,1000ft, Gray</td>
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<tr>
<td>161-105/OR</td>
<td>CAT6, 550MHz, 23AWG, UTP, 4 Pairs, Solid,1000ft, Orange</td>
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<td>161-106/PK</td>
<td>CAT6, 550MHz, 23AWG, UTP, 4 Pairs, Solid,1000ft, Pink</td>
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<tr>
<td>161-107/PR</td>
<td>CAT6, 550MHz, 23AWG, UTP, 4 Pairs, Solid,1000ft, Purple</td>
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<tr>
<td>161-108/RD</td>
<td>CAT6, 550MHz, 23AWG, UTP, 4 Pairs, Solid,1000ft, Red</td>
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<tr>
<td>161-109/WH</td>
<td>CAT6, 550MHz, 23AWG, UTP, 4 Pairs, Solid,1000ft, White</td>
</tr>
<tr>
<td>161-110/YL</td>
<td>CAT6, 550MHz, 23AWG, UTP, 4 Pairs, Solid,1000ft, Yellow</td>
</tr>
</tbody>
</table>

Features:
- High-Performance Data Cable
- 550MHz Bandwidth for Data Applications
- Category-6 Unshielded Twisted Pair
- 23AWG Solid Bare Copper Conductors
- Easily Identified Color-Striped Pairs
- Exceeds ANSI/TIA 568-C.2, ISO/IEC-11801
- Riser Rated PVC Jacket
- ETL Listed, RoHS Compliant, TAA Compliant
- 1000ft Pull Box

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Item # | Description |
<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>060-487/BK</td>
<td>CAT6, 550MHz, 23AWG, UTP, 4 Pairs, Solid,1000ft, Black</td>
</tr>
<tr>
<td>060-488/BL</td>
<td>CAT6, 550MHz, 23AWG, UTP, 4 Pairs, Solid,1000ft, Blue</td>
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<tr>
<td>060-489/GY</td>
<td>CAT6, 550MHz, 23AWG, UTP, 4 Pairs, Solid,1000ft, Green</td>
</tr>
<tr>
<td>060-490/GY</td>
<td>CAT6, 550MHz, 23AWG, UTP, 4 Pairs, Solid,1000ft, Gray</td>
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<tr>
<td>060-2395/OR</td>
<td>CAT6, 550MHz, 23AWG, UTP, 4 Pairs, Solid,1000ft, Orange</td>
</tr>
<tr>
<td>060-495/PK</td>
<td>CAT6, 550MHz, 23AWG, UTP, 4 Pairs, Solid,1000ft, Pink</td>
</tr>
<tr>
<td>060-491/PR</td>
<td>CAT6, 550MHz, 23AWG, UTP, 4 Pairs, Solid,1000ft, Purple</td>
</tr>
<tr>
<td>060-492/RD</td>
<td>CAT6, 550MHz, 23AWG, UTP, 4 Pairs, Solid,1000ft, Red</td>
</tr>
<tr>
<td>060-493/WH</td>
<td>CAT6, 550MHz, 23AWG, UTP, 4 Pairs, Solid,1000ft, White</td>
</tr>
<tr>
<td>060-494/YL</td>
<td>CAT6, 550MHz, 23AWG, UTP, 4 Pairs, Solid,1000ft, Yellow</td>
</tr>
</tbody>
</table>

Features:
- High-Performance Data Cable
- 550MHz Bandwidth for Data Applications
- Category-6 Unshielded Twisted Pair
- 23AWG Solid Bare Copper Conductors
- Easily Identified Color-Striped Pairs
- Exceeds ANSI/TIA 568-C.2, ISO/IEC-11801
- Riser Rated PVC Jacket
- ETL Listed, RoHS Compliant
- 1000ft Pull Box
TAA-Compliant Products by Vertical Cable

Trade Agreements Act (TAA) requirements are built into General Service Administration (GSA)
The U.S. Government is required to only obtain products and services that were made in the United States or end products from TAA compliant countries.
Vertical Cable can supply the products needed to sell to the US Government.

FACT from CAT
According to building engineers and construction contractors, the Plenum is the space between the false ceiling and the structural ceiling, when the space is used for air circulation. Riser is a vertical shaft used to route cable between two floors.

The National Electric Code permits plenum cable to be used in the riser, but it doesn’t allow riser cable to be used in the plenum.

Ask Your Account Manager about all TAA-Compliant Products by Vertical Cable

Plenum & Riser
CAT6 Cable  ▶ CAT6 Plenum

CAT6 Solid F/UTP Plenum Rated

Vertical Cable CAT6 550MHz Plenum Shielded Cable is made from flame retardant materials. It is used in spaces designated for air-handling such as drop ceilings that conceal return air vents in office buildings. Our Plenum cables are designed to meet rigorous fire safety standards, and provide cabling solutions for fire prone areas. The shielding protects the signal from electromagnetic interference (EMI).

**Features:**
- Category 6, 23AWG, 4 Pair, Solid Bare Copper
- Tape: PE Tape
- Drain: Solid Tin Copper
- Shield: Aluminum/Polyester Tape (100% Coverage)
- Jacket Material: Flame Retardant Polyvinyl Chloride
- Nominal Overall Cable Diameter: 0.268 in. (6.8 mm)
- NEC Article 800, UL 444: Type CMP Rating FT6, C(ETL)US, RoHS Compliant
- Exceeds TIA/EIA 568-C.2, ISO/IEC-11801
- 1000ft Wooden Spool
- TAA Compliant

**COMPARE TO 068 SERIES (DISCONTINUED PART NUMBER)**

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>168-300/S/P/BK</td>
<td>CAT6 F/UTP Shielded High Grade Plenum, 1000ft, Wooden Spool, Black</td>
</tr>
<tr>
<td>168-301/S/P/BL</td>
<td>CAT6 F/UTP Shielded High Grade Plenum, 1000ft, Wooden Spool, Blue</td>
</tr>
<tr>
<td>168-302/S/P/GR</td>
<td>CAT6 F/UTP Shielded High Grade Plenum, 1000ft, Wooden Spool, Green</td>
</tr>
<tr>
<td>168-303/S/P/GY</td>
<td>CAT6 F/UTP Shielded High Grade Plenum, 1000ft, Wooden Spool, Gray</td>
</tr>
<tr>
<td>168-308/S/P/WH</td>
<td>CAT6 F/UTP Shielded High Grade Plenum, 1000ft, Wooden Spool, White</td>
</tr>
<tr>
<td>168-309/S/P/YL</td>
<td>CAT6 F/UTP Shielded High Grade Plenum, 1000ft, Wooden Spool, Yellow</td>
</tr>
</tbody>
</table>

Network Brush Panel
19” Rack Mount, 1U & 2 U 047-WBP Series

Compatible with all* Vertical Cable Racks & Cabinets
*Check spec sheets for details
Our Insulation
Coloring Visible Even in Low Light

- Vibrant coloring of the jacketed conductors
- Easy to identify the colors in low light
- Perfect for the projects that have basements with not adequate daylight
### CAT6 Cable ➤ CAT6

**CAT6 Solid (F/UTP)**

Vertical Cable CAT6 550MHz Shielded Cable is essential for high speed network installations in interference prone areas. In contrast to its CAT6 Unshielded counterpart, CAT6 Shielded cable blocks out electromagnetic interference or EMI, which can slow down and degrade proper signal connection. EMI is caused by electrical circuits present around the cable from just about anything: elevators, power lines, electric motors, fluorescent lights, thermostats, air conditioners or microwaves. In addition, this CAT6 fully supports HDBaseT specifications.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>062-503/S/BK</td>
<td>CAT6 550MHz Cable, 23AWG, F/UTP, 4 Pairs, 1000ft, Black</td>
</tr>
<tr>
<td>062-504/S/BL</td>
<td>CAT6 550MHz Cable, 23AWG, F/UTP, 4 Pairs, 1000ft, Blue</td>
</tr>
<tr>
<td>062-505/S/GR</td>
<td>CAT6 550MHz Cable, 23AWG, F/UTP, 4 Pairs, 1000ft, Gray</td>
</tr>
<tr>
<td>062-506/S/GY</td>
<td>CAT6 550MHz Cable, 23AWG, F/UTP, 4 Pairs, 1000ft, Green</td>
</tr>
<tr>
<td>062-507/S/OR</td>
<td>CAT6 550MHz Cable, 23AWG, F/UTP, 4 Pairs, 1000ft, Orange</td>
</tr>
<tr>
<td>062-502/S/PR</td>
<td>CAT6 550MHz Cable, 23AWG, F/UTP, 4 Pairs, 1000ft, Purple</td>
</tr>
<tr>
<td>062-508/S/RD</td>
<td>CAT6 550MHz Cable, 23AWG, F/UTP, 4 Pairs, 1000ft, Red</td>
</tr>
<tr>
<td>062-509/S/WH</td>
<td>CAT6 550MHz Cable, 23AWG, F/UTP, 4 Pairs, 1000ft, White</td>
</tr>
<tr>
<td>062-510/S/YL</td>
<td>CAT6 550MHz Cable, 23AWG, F/UTP, 4 Pairs, 1000ft, Yellow</td>
</tr>
</tbody>
</table>

**Features:**
- High-Performance Data Cable
- 550MHz Bandwidth for Data Applications, Fast Ethernet and 155Mbps TP-PMD/CDDI
- Category-6 with an overall foil/shield
- Easily Identified Color-Striped Pairs
- 23AWG Solid Bare Copper Conductors
- Exceeds ANSI/TIA 568-C.2, ISO/IEC-11801
- Riser Rated (CMR)
- ETL Listed, RoHS Compliant
- 1000ft Wooden Spool

---

### CAT6 Low Smoke Zero Halogen (UTP) ➤ HDBT™ GREEN HOME CHOICE

Vertical Cable CAT6 LSZH Cable features a special jacket that gives off no toxic fumes when exposed to high temperatures. The LSZH jacket is made from thermoplastic and does not produce the dangerous halogen gas upon combustion. This CAT6 is perfect for use in aircrafts, boats, and railway cars. LSZH cable reduces the risk of toxic fumes accumulating in poor ventilation environments and around sensitive equipment. This CAT6 supports HDBaseT specifications.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>070-711/6LS/BL</td>
<td>CAT6 23AWG, UTP, LSZH Jacket, 8C Solid Bare Copper, 1000ft, Pull Box, Blue</td>
</tr>
<tr>
<td>070-713/6LS/GY</td>
<td>CAT6 23AWG, UTP, LSZH Jacket, 8C Solid Bare Copper, 1000ft, Pull Box, Gray</td>
</tr>
<tr>
<td>070-718/6LS/WH</td>
<td>CAT6 23AWG, UTP, LSZH Jacket, 8C Solid Bare Copper, 1000ft, Pull Box, White</td>
</tr>
</tbody>
</table>

**Features:**
- High Performance Data Cable
- Category-6 Unshielded Twisted Pair
- 23AWG, 4 Pair, Solid Bare Copper Conductors
- Jacket Material: Low Smoke Zero Halogen
- Easily Indentified Color-Striped Pairs
- Exceeds ANSI/TIA 568-C.2, ISO/IEC-11801
- cETLus, RoHS Compliant
- 1000ft Pull Box
**CAT6 Cable • CAT6**

### CAT6 Stranded (UTP) Splineless

CAT6 550MHz Stranded Cable is more pliable than its CAT6 Solid counterpart, and is more commonly used for making patch cables. It is constructed to be able to bend and twist frequently while still maintaining signal integrity. As always, Vertical Cable CAT6 Stranded meets and exceeds ANSI/TIA-568C.2 standards.

**Features:**
- High-Performance Data Cable
- Fast Ethernet and 155Mbps TP-PMD/CDDI
- Category-6 Unshielded Twisted Pair
- Easily Identified Color-Striped Pairs
- Exceeds ANSI/TIA 568-C.2, ISO/IEC-11801
- ETL Listed, RoHS Compliant
- 1000ft Pull Box

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>063-511/ST/BK</td>
<td>CAT6, 24AWG, UTP, 4 Pairs, Stranded, 1000ft, Black</td>
</tr>
<tr>
<td>063-512/ST/BL</td>
<td>CAT6, 24AWG, UTP, 4 Pairs, Stranded, 1000ft, Blue</td>
</tr>
<tr>
<td>063-514/ST/GY</td>
<td>CAT6, 24AWG, UTP, 4 Pairs, Stranded, 1000ft, Gray</td>
</tr>
<tr>
<td>063-513/ST/GR</td>
<td>CAT6, 24AWG, UTP, 4 Pairs, Stranded, 1000ft, Green</td>
</tr>
<tr>
<td>063-2201/ST/OR</td>
<td>CAT6, 24AWG, UTP, 4 Pairs, Stranded, 1000ft, Orange</td>
</tr>
<tr>
<td>063-516/ST/WH</td>
<td>CAT6, 24AWG, UTP, 4 Pairs, Stranded, 1000ft, White</td>
</tr>
<tr>
<td>063-518/ST/YL</td>
<td>CAT6, 24AWG, UTP, 4 Pairs, Stranded, 1000ft, Yellow</td>
</tr>
</tbody>
</table>

### CAT6 Stranded (F/UTP)

Vertical Cable CAT6 550MHz Stranded/Shielded is more pliable than its solid counterpart and is especially useful for making patch cords. The shield protects the signal from electromagnetic interference (EMI), found just about anywhere these days.

**Features:**
- Category-6 with an overall foil/shield
- High-Performance Data Cable
- Multi-Shield to withstand weather
- Easily Identified Color-Striped Pairs
- 24AWG Stranded Copper Conductors
- Exceeds ANSI/TIA-568C.2 Standards
- ETL Listed, RoHS Compliant
- 1000ft Pull Box

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>062-514/ST/BL</td>
<td>CAT6, 24AWG, F/UTP, 4 Pair, Stranded, 1000ft, Blue</td>
</tr>
<tr>
<td>062-515/ST/GY</td>
<td>CAT6, 24AWG, F/UTP, 4 Pair, Stranded, 1000ft, Gray</td>
</tr>
<tr>
<td>062-516/ST/WH</td>
<td>CAT6, 24AWG, F/UTP, 4 Pair, Stranded, 1000ft, White</td>
</tr>
</tbody>
</table>
CAT6 Cable

CAT6 Outdoor Rated, CMX

In comparison to riser rated CAT6, which is made for indoor applications only, the CMX can be installed outside, above ground, and exposed to the sun. Vertical Cable CAT6 CMX has the highest UV resistance out of all Vertical Cable outdoor cables. The jacket is LLDPE. The 100% solid bare copper twisted pairs cut and strip just as well, and come with a ripcord.

CAT6 Direct Burial, CMXF Shielded & Unshielded

CAT6 CMXF direct burial cable features a flooded gel core, which helps protect the cable from moisture/water. This cable features a tough LLDPE jacket and can be buried directly underground. For a longer cable lifetime, conduit is recommended. This cable also comes in a shielded variety to protect from EMI in highly wired areas.

Item # | Description |
--- | --- |
069-559/CMX | CAT6 UV Jacket for Outdoor Use, (CMX) Cable, 1000ft, Wooden Spool, Black |
069-560/CMXF | CAT6 CMXF Direct Burial, 600MHz Bandwidth for Data Applications, Gel Flooded Core, Unshielded, PE Tape, LLDPE Jacket, 23AWG, Solid, Black |
069-560/CMXF10k | CAT6 CMXF Direct Burial, 600MHz Bandwidth for Data Applications, Gel Flooded Core, Unshielded, PE Tape, LLDPE Jacket, 23AWG, Solid, Black 10,000ft Wooden Spool |
069-558/S/CMXF | CAT6 CMXF Direct Burial, 550MHz Bandwidth, 10/100/1000 Base-T, Gel Flooded Core, Shielded, Drain Wire, PE Tape, 23AWG, Solid, Black |

Features:
- High-Performance Data Cable
- 600MHz Bandwidth for Data Applications, Fast Ethernet and 155Mbps TP-PMD/CDDI
- Category-6 Unshielded Twisted Pair
- Easily Identified Color-Striped Pairs
- 23AWG Solid Copper Conductors
- Exceeds ANSI/TIA-568-C.2, ISO/IEC 11801
- Outdoor UV Rated LLDPE Jacket
- ETL Listed, RoHS Compliant
- 1000ft Wooden Spool

Item # | Description |
--- | --- |
069-560/CMXF | CAT6 CMXF Direct Burial, Gel Flooded Core, Shielded, 1000ft Wooden Spool |

Features:
- High-Performance Data Cable
- Gel Filled Flooded Core
- LLDPE Direct Burial Rated jacket
- Shielded or Unshielded
- Category-6 Twisted Pair
- Easily Identified Color-Striped Pairs
- 23AWG Solid Copper Conductors
- Exceeds ANSI/TIA-568C.2, ISO/IEC 11801
- ETL Listed, RoHS Compliant
- 1000ft and 10,000ft Wooden Spool
**CAT6 Cable** ▶ **CAT6 Outdoor**

**CAT6 Direct Burial, CMXT**

Vertical Cable CAT6 CMXT features a waterblock tape for protection against moisture/water. This cable has a tough LLDPE jacket which allows the cable to be buried directly underground. Conduit is recommended for an extended lifetime. This cable can also be used for CAT6 cell tower applications, as the LLDPE jacket has a high level of UV resistance.

**CAT6 Outdoor Rated With Messenger, Aerial Applications**

In addition to having an outdoor UV rating, Vertical Cable CAT6 with Messenger includes a high strength exterior supporting wire, called “Messenger.” Its sole purpose is to provide support for aerial applications. The cable is also available with a shield.

### Features:
- High-Performance Data Cable
- 600MHz Bandwidth for Data Applications, Fast Ethernet and 155Mbps TP-PMD/CDDI
- Waterblock Tape
- Direct Burial or Cell Tower Applications
- Category-6 Twisted Pair
- Shielded or Unshielded
- Easily Identified Color-Striped Pairs
- 23AWG Solid Copper Conductors
- Exceeds TIA/EIA-568C.2, ISO/IEC 11801
- ETL Listed, RoHS Compliant
- 1000ft Wooden Spool

### Item # Description

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>069-561/CMXT</td>
<td>CAT6 CMXT Direct Burial, Shielded, Drain Wire, Waterblock Tape, LLDPE Jacket, 23AWG, Solid, 1000ft, Wooden Spool, Black</td>
</tr>
<tr>
<td>069-557/US/CMXT</td>
<td>CAT6 CMXT Direct Burial, Unshielded, Waterblock Tape, LLDPE Jacket, 23AWG, Solid, 1000ft, Wooden Spool, Black</td>
</tr>
</tbody>
</table>

**Aerial Applications**

### Features:
- High-Performance Data Cable
- 600MHz Bandwidth for Data Applications, Fast Ethernet and 155Mbps TP-PMD/CDDI
- Galvanized Steel Messenger
- Aerial Applications
- Category-6 Twisted Pair
- Shielded or Unshielded
- Easily Identified Color-Striped Pairs
- 23AWG Solid Copper Conductors
- Exceeds ANSI/TIA-568C.2, ISO/IEC 11801
- ETL Listed, RoHS Compliant
- 1000ft Wooden Spool

### Item # Description

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>069-562/MESG</td>
<td>CAT6 UTP, Outdoor Rated with Messenger, Aerial Applications, Unshielded, LLDPE Jacket, 23AWG, Solid, 1000ft, Wooden Spool, Black</td>
</tr>
<tr>
<td>069-563/S/MESG</td>
<td>CAT6 F/UTP, Outdoor Rated with Messenger, Aerial Applications, Shielded, LLDPE Jacket, 23AWG, Solid Bare Copper, 1000ft, Spool, Black</td>
</tr>
</tbody>
</table>
CAT6A Solid (UTP)

Vertical Cable CAT6A (Augmented) 10Gb Bulk PVC Cable provides even higher performance than standard CAT6. CAT6A is the choice for applications that require a higher level of performance.

FACT from CAT

The standard for Category 6A is ANSI/TIA-568-C.1, defined by the Telecommunications Industry Association (TIA) for enhanced performance standards for twisted pair cable systems. It was defined in 2009. The “A” stands for “augmented” and is a nod to CAT6A’s improved specifications compared with its predecessor, the Category 6 cable.

The Cat6a doubles data transmission bandwidth, from 250 to 500 MHz, decreases the chance of crosstalk interference, and provides superior reliability and transmission speeds through greater lengths of cable.

CAT6A can support 10 Gigabit Ethernet at 100 meters. CAT6 cable only supports 37-55 meters (depending on crosstalk) when transmitting 10 Gbps speeds.
**CAT6A Cable**  ▶ **CAT6A**

**CAT6A Solid (F/UTP)**

For those installations that require maximum signal quality in high EMI environments, there is CAT6A Shielded. Vertical Cable CAT6A 10Gb F/UTP Cable comes with an Aluminum Shield that effectively cancels out interference.

---

### Item # | Description
--- | ---
064-700/A/S/BK | CAT6A, 10GS, 23AWG, 4 Pair, F/UTP CMR, Solid, 1000ft, Spool, Black
064-701/A/S/BL | CAT6A, 10GS, 23AWG, 4 Pair, F/UTP CMR, Solid, 1000ft, Spool, Blue
064-702/A/S/GR | CAT6A, 10GS, 23AWG, 4 Pair, F/UTP CMR, Solid, 1000ft, Spool, Green
064-703/A/S/GY | CAT6A, 10GS, 23AWG, 4 Pair, F/UTP CMR, Solid, 1000ft, Spool, Gray
064-707/A/S/RD | CAT6A, 10GS, 23AWG, 4 Pair, F/UTP CMR, Solid, 1000ft, Spool, Red
064-708/A/S/WH | CAT6A, 10GS, 23AWG, 4 Pair, F/UTP CMR, Solid, 1000ft, Spool, White
064-709/A/S/YL | CAT6A, 10GS, 23AWG, 4 Pair, F/UTP CMR, Solid, 1000ft, Spool, Yellow
064-704/A/S/OR | CAT6A, 10GS, 23AWG, 4 Pair, F/UTP CMR, Solid, 1000ft, Spool, Orange

### Features:

- High-Performance Data Cable
- Suitable for 10Gb High-Speed Applications
- Designed for Indoor Installations (CMR)
- Category-6A (Augmented) (F/UTP) Cable
- 4-Pair – Easily Identified Color-Striped Pairs
- 23AWG Solid Bare Copper Conductors
- Exceeds ANSI/TIA 568-C.2
- ETL Listed, RoHS Compliant
- 1000ft Wooden Spool

---

With CAT6A Cable Our Customers Usually Buy These Products:

- **054-455/BL** Velcro Tie Wrap
- **353-V2822/CAAYL** Keystone Jack
- **078 Series** Tools
- **044-2392/DS/2U** Horizontal Cable Managers
- **307-520B/1G/WH** Feed through Wall Plate
- **046-389/E** Adjustable Wall Mount Bracket
CAT6A Cable  ➤ CAT6 Plenum

CAT6A Solid Plenum (UTP)

In addition to delivering the highest level Category performance, Vertical Cable CAT6A 10Gb Plenum Cable is made from flame retardant materials. It is used in spaces designated for air-handling such as drop ceilings, which conceal return air vents in office buildings. Our Plenum cables are designed to meet rigorous fire safety standards, and provide cabling solutions for fire prone areas.

Features:
- 23AWG Plenum, unshielded solid twisted pairs,
- Category 6A Horizontal Cable, ANSI/TIA 568C.2, 11801:2002, UL 910-CMP Rating, UL Listed, RoHS Compliant
- Supports all category 6A applications including Ethernet 10 Gigabit, 100 BASE TX, 100BaseVG AnyLan, 155ATM, 622ATM, NTSC/PAL, Component or Composite Video, AES/EBU Digital Audio, AES51, RS-422

<table>
<thead>
<tr>
<th>Item #</th>
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</tr>
</thead>
<tbody>
<tr>
<td>065-300/A/P/BK</td>
<td>CAT6A, 10GS, 23AWG, 4 Pair, UTP, CMP, 1000ft, Black</td>
</tr>
<tr>
<td>065-301/A/P/BL</td>
<td>CAT6A, 10GS, 23AWG, 4 Pair, UTP, CMP, 1000ft, Blue</td>
</tr>
<tr>
<td>065-302/A/P/GR</td>
<td>CAT6A, 10GS, 23AWG, 4 Pair, UTP, CMP, 1000ft, Green</td>
</tr>
<tr>
<td>065-308/A/P/WH</td>
<td>CAT6A, 10GS, 23AWG, 4 Pair, UTP, CMP, 1000ft, White</td>
</tr>
<tr>
<td>065-309/A/P/YL</td>
<td>CAT6A, 10GS, 23AWG, 4 Pair, UTP, CMP, 1000ft, Yellow</td>
</tr>
<tr>
<td>065-307/A/P/GY</td>
<td>CAT6A, 10GS, 23AWG, 4 Pair, UTP, CMP, 1000ft, Gray</td>
</tr>
<tr>
<td>065-303/A/P/RD</td>
<td>CAT6A, 10GS, 23AWG, 4 Pair, UTP, CMP, 1000ft, Red</td>
</tr>
</tbody>
</table>

CAT6A Solid Plenum F/UTP

In addition to delivering the highest level Category performance, Vertical Cable CAT6A 10Gb Plenum Cable is made from flame retardant materials. It is used in spaces designated for air-handling such as drop ceilings, which conceal return air vents in office buildings. Our Plenum cables are designed to meet rigorous fire safety standards, and provide cabling solutions for fire prone areas.

Features:
- 23AWG Plenum, shielded solid twisted pairs
- Exceeds ANSI/TIA 568C.2
- CMP Rating, UL Listed, RoHS Compliant
- 750MHz Bandwidth for Data Applications.
- Supports all category 6A applications including Ethernet 10 Gigabit, 100 BASE TX, 100BaseVG AnyLan, 155ATM, 622ATM, NTSC/PAL, Component or Composite Video, AES/EBU Digital Audio, AES51, RS-422

<table>
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<tr>
<th>Item #</th>
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</tr>
</thead>
<tbody>
<tr>
<td>165-300/A/PS/BK</td>
<td>CAT6A, 10GS, 23AWG, 4 Pair, F/UTP, CMP, 1000ft, Black</td>
</tr>
<tr>
<td>165-301/A/PS/BL</td>
<td>CAT6A, 10GS, 23AWG, 4 Pair, F/UTP, CMP, 1000ft, Blue</td>
</tr>
<tr>
<td>165-302/A/PS/GR</td>
<td>CAT6A, 10GS, 23AWG, 4 Pair, F/UTP, CMP, 1000ft, Green</td>
</tr>
<tr>
<td>165-308/A/PS/WH</td>
<td>CAT6A, 10GS, 23AWG, 4 Pair, F/UTP, CMP, 1000ft, White</td>
</tr>
<tr>
<td>165-309/A/PS/YL</td>
<td>CAT6A, 10GS, 23AWG, 4 Pair, F/UTP, CMP, 1000ft, Yellow</td>
</tr>
</tbody>
</table>
CAT6A Outdoor Rated, CMX & CMXT

Vertical Cable CAT6A 10Gb Cable also comes with an Outdoor CMX or CMXT Rating. Both CMX and CMXT are UV rated and feature a tough LLDPE Jacket. The CMXT can be used for direct burial applications, as well as cell tower applications.

Features:
- High-Performance Data Cable
- 10Gigabit Ethernet
- Category-6A Twisted Pair
- Easily Identified Color-Striped Pairs
- 23AWG Solid Copper Conductors
- Exceeds ANSI/TIA 568C.2
- Outdoor UV Rated LLDPE Jacket
- For outdoor use above ground and/or direct burial
- ETL Listed, RoHS Compliant
- 1000ft Wooden Spool

Item # | Description
--- | ---
069-564/A/CMX | CAT6A, Outdoor, CMX, 23AWG, 4 Pair, UTP, 1000ft, Spool, Black
069-565/A/CMXT | CAT6A, Direct Burial or Cell Tower Applications, CMXT, Shielded, Dual Jacket, 23AWG, 4 Pair, F/UTP, 1000ft, Spool, Black

CAT6A Outdoor Rated, Dual Jacket, CMXT Individual Twisted Pair

New Product
Call Your Account Manager for details

Item # | Description
--- | ---
069-567/SP/CMXT | CAT6A Dual Jacket Outdoor U/FTP, Shielded, CMXT, 23AWG, 4 Pair, 1000ft, Spool, Black

KNOW YOUR CABLE: U/FTP & F/UTP

Shielded Category 6A cables perform better than their Category 6A UTP counterparts simply because the metallic barrier guarantees protection from unwanted external noise.

Vertical Cable offers shielded cable with foil around each of the four individual pairs. This cable, known as U/FTP (overall Unshielded, but Foil over TwistedPairs), features excellent shielding performance. Keep in mind that it’s more challenging to terminate U/FTP type cable than other constructions since each pair is individually wrapped in foil.

F/UTP (Foil shield over Unshielded Twisted Pairs) cable requires a more technologically advanced manufacturing process to build it, but is significantly easier to terminate. Outer diameter is smaller than the U/FTP cable. F/UTP cable utilizes a single foil shield wrapped around the cable core and includes a drain wire.
CAT3 Cable

CAT3 Solid PVC Cable (UTP)
CAT3 PVC Bulk Cable is ideal for voice and telephone applications and is also used for data applications. Vertical Cable Twisted Pair cable cuts and strips well, and comes with a ripcord.

Features:
- Suitable for Communication Applications
- Suitable for Telephony and Security Systems
- Category-3 Unshielded Twisted Pair Cable
- 2 Pair, 3 Pair, 4 Pair
- AWG24 Solid Bare Copper Conductors
- ETL Listed, RoHS Compliant
- Supplied in 1000ft Pull Boxes

KNOW CAT3
Category 3 cable, commonly known as CAT3 or station wire, and less commonly known as VG or voice-grade.

CAT3 was widely used in computer networking in the early 1990s for 10BASE-T Ethernet and, to a lesser extent, for 100BaseVG Ethernet, token ring and 100BASE-T4. The original Power over Ethernet 802.3af specification supports the use of CAT3 cable, but the later 802.3at Type 2 high-power variation does not.

With This Product You May Need:
- only for handset cords
CAT3 Cable

CAT3 Solid 25, 50, 100 Pair (UTP)

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>052-441GY</td>
<td>CAT3 UTP, 24AWG, 25 Pair, Gray</td>
</tr>
<tr>
<td>052-442GY</td>
<td>CAT3 UTP, 24AWG, 50 Pair, Gray</td>
</tr>
<tr>
<td>052-443GY</td>
<td>CAT3 UTP, 24AWG, 100 Pair, Gray</td>
</tr>
</tbody>
</table>

- Suitable for Telephone Communication
- Multipair – Cabled together with varying layers
- 24AWG Solid Bare Copper Conductors
- PE Tape, Rip Cord
- RoHS Compliant
- ETL CMR Listed
- Supplied in 500FT / 1000FT

With This Product You May Need:

Punch Down Blocks and Accessories

FACT from CAT

Punch Down Block (also known as quick-connect block) is named because the solid copper wires are “punched down” into short open-ended slots which are a type of insulation-displacement connector. These slots, usually cut crosswise (not lengthwise) across an insulating plastic bar, contain two sharp metal blades which cut through the wire’s insulation as it is punched down. These blades hold the wire in position and make the electrical contact with the wire as well.
Coaxial Cable ➤ RG59

<table>
<thead>
<tr>
<th>Type / Category</th>
<th>RG59</th>
</tr>
</thead>
<tbody>
<tr>
<td>95% Braid</td>
<td>107-2178/WH</td>
</tr>
<tr>
<td>Plenum 95% CCA</td>
<td>107-2318/P/WH</td>
</tr>
<tr>
<td>Direct Burial, 20 AWG, 95% BC Braid</td>
<td>107-2175/DB/BK</td>
</tr>
<tr>
<td>85% CCA Bare Copper Braid with 18/2 Power Cable</td>
<td>107-2324/WH</td>
</tr>
<tr>
<td>95% CCA Braid</td>
<td>107-2314/WH</td>
</tr>
<tr>
<td>95% CCA Braid with Messenger</td>
<td>107-2179/MESG</td>
</tr>
<tr>
<td>Plenum 95% CCA Braid with 18/2 Power Cable</td>
<td>107-2319/P/WH</td>
</tr>
<tr>
<td>Direct Burial, 20 AWG, 95% CCA Braid</td>
<td>107-2313/DB/BK</td>
</tr>
</tbody>
</table>

Applications: CCTV Video Surveillance systems

KNOW YOUR COAXIAL CABLE

CCTV video signals are commonly transmitted using coaxial cable. Coaxial cable is designed to transmit the complete video frequency range with minimum distortion or attenuation, making it an excellent choice for CCTV.

It is important to select the correct cable that meets the specifications for CCTV transmission. The parameters to consider are mechanical characteristics such as the center conductor material, dielectric material, shield type and material, and jacket material. The electrical characteristics such as resistance, capacitance, impedance and attenuation are critical for proper transmission.

RG59 95% Braid for CCTV

Vertical Cable RG59 is a great choice for CCTV video surveillance systems. Just like the mini RG59, it has a bare copper conductor. This cable is available with either type of shield: a bare copper braid or a cost saving CCA braid.

**Item #**  
**Description**  
107-2177/BK  
RG59, Bare Copper Conductor, Shield: 95% Bare Copper Braid, 20AWG, PVC Jacket, 1000ft, Easy Pull Box, Black  
107-2176/W  
RG59, Bare Copper Conductor, Shield: 95% Bare Copper Braid, 20AWG, PVC Jacket, 1000ft, Easy Pull Box, White  
107-2178/B  
RG59, Bare Copper Conductor, Shield: 95% CCA Braid, 20AWG, PVC Jacket, 1000ft, Easy Pull Box, Black  
107-2178/W  
RG59, Bare Copper Conductor, Shield: 95% CCA Braid, 20AWG, PVC Jacket, 1000ft, Easy Pull Box, White

**Features:**  
- 20AWG Solid Bare Copper Conductor for optimal signal transmission  
- 95% Bare Copper or 95% CCA Braid Coverage for optimum signal protection  
- Indoor Cable Application (non-conduit per NEC) for CCTV  
- ETL Listed, RoHS Compliant, ISO9001:2008  
- Available in 1000ft Pull Box
Coaxial Cable ▶ RG59

RG59 Plenum, 95% CCA Braid
Vertical Cable RG59 Plenum Cable is made from flame retardant materials. This Plenum cable is designed to meet rigorous fire safety standards, and provides a cabling solution in fire prone areas. The 95% Copper Clad Aluminum Braid (CCA) is a great cost saving alternative for CCTV applications. The bare copper conductor ensures great signal quality.

Features:
- 20AWG Solid Bare Copper Conductor for Optimal Signal Transmission
- 95% CCA Braid coverage for optimum signal protection
- Plenum Rated Jacket
- ETL Listed, RoHS Compliant
- Available in 1000ft Spool

Vertical Cable RG59 Plenum Cable is made from flame retardant materials. This Plenum cable is designed to meet rigorous fire safety standards, and provides a cabling solution in fire prone areas. The 95% Copper Clad Aluminum Braid (CCA) is a great cost saving alternative for CCTV applications. The bare copper conductor ensures great signal quality.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>107-2318/P/WH</td>
<td>RG59, CMP, Bare Copper Conductor, Shield: 95% CCA Braid, 20AWG, 1000ft Spool, White</td>
</tr>
</tbody>
</table>

RG59 Direct Burial, 20AWG, 95% BC Braid
Indoor RG59 Cable jackets degrade with time if placed in an outdoor environment. Vertical Cable RG59 Direct Burial cable is encased in an outdoor jacket, especially designed to withstand outdoor environment conditions, such as erosion and UV light. This cable is intended for direct burial applications. The 95% bare copper braid is flexible and durable, yet strong enough to minimize low frequency interference. The bare copper conductor ensures a quality signal.

Features:
- 20AWG Solid Bare Copper Conductor
- 95% Bare Copper Braid for signal protection
- Direct Burial (Gel Coated)
- Polyethylene Jacket (PE)
- 75 Ohm Impedance
- ISO 9001:2008
- ETL Verified, RoHS Compliant
- Available in 1000ft Spool

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>107-2175/DB/BK</td>
<td>RG59, Direct Burial, Bare Copper Conductor, Shield: 95% Bare Copper Braid, 20AWG, 1000ft Spool, Black</td>
</tr>
</tbody>
</table>
RG59 Siamese Cable 95% BC Braid with 18/2 Power Cable

The Siamese RG59 is the most convenient and efficient solution for running power and signal in the same cable. This Vertical Cable Siamese includes one RG59 with a 95% Bare Copper Braid and an 18AWG power cable. The RG59 conductor is made of bare copper.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>107-1946BK591WS</td>
<td>RG59 Siamese, + 18AWG Power Cables, Bare Copper Conductor, Shield: 95% Bare Copper Braid, 20AWG, 1000ft Spool, Black</td>
</tr>
<tr>
<td>107-1947WH591WS</td>
<td>RG59 Siamese, + 18AWG Power Cables, Bare Copper Conductor, Shield: 95% Bare Copper Braid, 20AWG, 1000ft Spool, White</td>
</tr>
<tr>
<td>107-1948BK595RB</td>
<td>RG59 Siamese, + 18AWG Power Cables, Bare Copper Conductor, Shield: 95% Bare Copper Braid, 20AWG, 500ft Reel in Box, Black</td>
</tr>
<tr>
<td>107-1949WH595RB</td>
<td>RG59 Siamese, + 18AWG Power Cables, Bare Copper Conductor, Shield: 95% Bare Copper Braid, 20AWG, 500ft Reel in Box, White</td>
</tr>
</tbody>
</table>

Features:
- Siamese RG59 Coaxial Cable with 18AWG Stranded Power Cables
- 20AWG Solid Bare Copper Conductor
- 95% Bare Copper Braid Coverage for signal protection
- Indoor Cable Application for: CCTV
- CM Rated Jacket
- ETL Listed, RoHS Compliant, ISO 9001:2008
- 1000ft Wooden Spool or 500ft Reel in Box

RG59 Siamese Cable 85% CCA Braid with 18/2 Power Cable

When the installation does not require high interference protection, the 85% CCA Braid RG59 is a great cost efficient solution that gets the job done. This 85% CCA Braid RG59 comes bundled with an 18AWG power cable using a Siamese construction. Vertical Cable offers this lower cost solution for running power and signal in the same cable. The CCS Conductor is another cost saving feature of this cable.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>107-2321/BK</td>
<td>RG59 Siamese, + 18AWG Power Cables, CCS Conductor, Shield: 85% CCA Braid, 20AWG, 1000ft, Reel in Box, Black</td>
</tr>
<tr>
<td>107-2322/WH</td>
<td>RG59 Siamese, + 18AWG Power Cables, CCS Conductor, Shield: 85% CCA Braid, 20AWG, 1000ft, Reel in Box, White</td>
</tr>
<tr>
<td>107-2323/BK</td>
<td>RG59 Siamese, + 18AWG Power Cables, CCS Conductor, Shield: 85% CCA Braid, 20AWG, 500ft, Pull Box, Black</td>
</tr>
<tr>
<td>107-2324/WH</td>
<td>RG59 Siamese, + 18AWG Power Cables, CCS Conductor, Shield: 85% CCA Braid, 20AWG, 500ft, Pull Box, White</td>
</tr>
</tbody>
</table>

Features:
- Siamese RG59 Coaxial Cable with 18AWG Stranded Power Cables
- Coaxial Cable for CCTV Transmissions
- 20AWG CCS Conductor
- 85% CCA Braid Coverage For Signal Protection
- CM Rated Jacket, CL2 Rated Cable
- ETL Verified, RoHS Compliant, ISO 9001:2008
- 1000ft Reel in Box or 500ft Pull Box
RG59 Siamese Cable 95% CCA Braid

Together with a quality bare copper conductor, this RG59 features a 95% Copper Clad Aluminum Braid (CCA). This is a great cost saving feature for CCTV applications. This RG59 conveniently carries power and signal in the same cable.

**RG59 Siamese Cable 95% CCA Braid with Messenger**

This Siamese RG59 has an added Messenger Wire for Aerial Applications. The messenger provides support and structure to the cable to prevent it from excessive bending. This cable carries power and signal together just like the regular Siamese RG59. It also has a bare copper conductor, and a 95% Copper Clad Aluminum Braid (CCA).
Coaxial Cable  ➤ RG59 Siamese

**RG59 Siamese Plenum 95% CCA Braid with 18/2 Power Cable**

Vertical Cable Siamese Plenum Cable is made from flame retardant materials. The Plenum jacket is designed to meet rigorous fire safety standards. Our Siamese RG59 is the most convenient and efficient solution for running power and signal in the same cable in fire prone areas. The 95% CCA Braid provides excellent shielding from interference. The bare copper conductor further maintains the best signal transmission.

**RG59 Siamese CCTV cable allows installers to run both the video and power to security cameras (analog CCTV, 720p, and 1080p HD cameras) using a single cable run.**

**WHAT IS SIAMESE COAXIAL CABLE**

RG59 Siamese cable is a heavily shielded cable which contains an RG59 COAX cable for video and a pair of 18 gauge 2 conductor power wires in siamese type jacket. The advantages to using RG59 cable for CCTV camera installation is that it is more durable than most pre-made camera cables and can be run in long distances without interference. You can also cut each cable run to the exact length that you need which makes the cabling part of the installation neat.

This is the best type of coax cable to use for CCTV and HD CCTV installations.

Note, that RG59 and RG6 cable with steel / copper clad core that is made for CATV (cable TV) should NOT be used for video surveillance installations.
Coaxial Cable

RG59 Siamese, Direct Burial, 20AWG, 95% CCA Braid

Vertical Cable RG59 Direct Burial cable is encased in an outdoor rated jacket, especially designed to withstand outdoor environmental conditions, such as erosion. This cable is intended for direct burial applications. The 95% CCA braid is flexible and durable, yet strong enough to minimize low frequency interference, meeting the industry requirements for EMI shielding. The bare copper conductor ensures for a superior signal quality. This siamese cable efficiently bundles power and signal together, saving the installer precious time.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>107-2179/DB/BK</td>
<td>RG59 Siamese Direct Burial, + 18AWG Power Cables, Bare Copper Conductor, Shield: 95% CCA Braid, Gel Coated, 20AWG, CL2, Ployethylene Jacket, 1000ft Spool, Black</td>
</tr>
<tr>
<td>107-2313/DB/BK</td>
<td>RG59 Siamese Direct Burial, + 18AWG Power Cables, Bare Copper Conductor, Shield: 95% CCA Braid, Gel Coated, 20AWG, CL2, Ployethylene Jacket, 500ft Box Reel, Black</td>
</tr>
</tbody>
</table>

Features:
- Siamese RG59 Coaxial Cable with 18AWG Stranded Power Cables
- 20AWG Solid BC Conductor
- 95% CCA Braid for signal protection
- Direct Burial (Gel Coated)
- Polyethylene Jacket (PE)
- 75 Ohm Impedance
- ETL Verified, RoHS Compliant, ISO 9001:2008
- 500ft or 1000ft Wooden Spool

With This Product You May Need:

083-1040/CR/B After crimping
083-1043/CP/BNC
083-1043/CP/BNC

078-1018 Terminates RCA, BNC, RG59, RG6
078-2156 Coaxial Stripper
078-1024 Cuts wire up to 0.42-10.7mm
**Know Your RG6 Cable**

RG6 is a common type of coaxial cable used in a wide variety of residential and commercial applications. The term “RG6” itself is quite generic and refers to a wide variety of cable designs, which differ from one another in shielding characteristics, center conductor composition, and dielectric type. RG6 was originally a military spec where “RG” meant Radio Guide and “6” referred to the sixth page in the Guide. Currently, the “Radio Guide” terminology is obsolete. In today’s practice, the term “RG6” is generally used to refer to coaxial cables with an 18 AWG center conductor and 75 ohm characteristic impedance.

**RG6 Standard Shield CCS**

In comparison to its RG59 counterpart, the RG6 has a thicker, lower resistance conductor, giving it the ability to carry high frequency signals. This makes it the choice cable for CATV applications. The Vertical Cable RG6 Standard Shield features an Aluminum Foil shield and a 60% Aluminum Braid Shield, which reduces EMI.

**Item # | Description**

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>107-1235BK65S00</td>
<td>RG6, CCS Conductor, Dual Shield: Aluminum Foil, 60% Aluminum</td>
</tr>
<tr>
<td></td>
<td>Braid, 18AWG, 75OHM, 500ft Pull Box, Black</td>
</tr>
<tr>
<td>107-1236WH65S00</td>
<td>RG6, CCS Conductor, Dual Shield: Aluminum Foil, 60% Aluminum</td>
</tr>
<tr>
<td></td>
<td>Braid, 18AWG, 75OHM, 500ft Pull Box, White</td>
</tr>
<tr>
<td>107-1234BK651BX</td>
<td>RG6, CCS Conductor, Dual Shield: Aluminum Foil, 60% Aluminum</td>
</tr>
<tr>
<td></td>
<td>Braid, 18AWG, 75OHM, 1000ft Pull Box, Black</td>
</tr>
<tr>
<td>107-1237WH651BX</td>
<td>RG6, CCS Conductor, Dual Shield: Aluminum Foil, 60% Aluminum</td>
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<tr>
<td></td>
<td>Braid, 18AWG, 75OHM, 1000ft Pull Box, White</td>
</tr>
<tr>
<td>107-1956BK65R</td>
<td>RG6, CCS Conductor, CMR, Dual Shield: Aluminum Foil, 60% Aluminum</td>
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<tr>
<td></td>
<td>Braid, 18AWG, 75OHM, 1000ft Pull Box, Black</td>
</tr>
<tr>
<td>107-1957WH65R</td>
<td>RG6, CCS Conductor, CMR, Dual Shield: Aluminum Foil, 60% Aluminum</td>
</tr>
<tr>
<td></td>
<td>Braid, 18AWG, 75OHM, 1000ft Pull Box, White</td>
</tr>
</tbody>
</table>

**Features:**

- High-Grade RG6 Coaxial Cable
- Suitable for Digital HDTV Applications, CATV and Digital Satellite Installations
- 18AWG Solid Copper-Clad Steel Conductor
- Shield: Aluminum Foil, 60% Aluminum Braid
- Fully Sweep Tested to 3000MHz
- CM, CATV, CL2
- ETL Listed, RoHS Compliant, ISO 9001:2008
- Supplied in 1000ft Pull Box
**RG6 Standard Shield BC**

This Vertical Cable RG6 features the same shielding as the RG6 CCS. Bare copper center conductor has better signal capabilities.

**Features:**
- High-Grade RG6 Coaxial Cable
- Suitable for Digital HDTV Applications, CATV and Digital Satellite Installations
- 18AWG Solid Bare Copper Conductor
- Shield: Aluminum Foil, 60% Aluminum Braid
- Fully Sweep Tested to 3GHz
- CM, CATV CL2
- ETL Listed, RoHS Compliant, ISO 9001:2008
- Supplied in 1000ft Pull Box or Reel in Box

**Item #** | **Description**
--- | ---
107-2311/BK | RG6, Bare Copper Conductor, Dual Shield: Aluminum Foil, 60% Aluminum Braid, 18AWG, 1000ft, Pull Box, Black
107-2311/BK/RB | RG6, Bare Copper Conductor, Dual Shield: Aluminum Foil, 60% Aluminum Braid, 18AWG, 1000ft, Reel in Box, Black
107-2312/WH | RG6, Bare Copper Conductor, Dual Shield: Aluminum Foil, 60% Aluminum Braid, 18AWG, 1000ft, Pull Box, White

**RG6 Standard Shield CCS (CM)**

This cable features a cost saving CCS conductor. It also has a Standard Shield, consisting of an Aluminum Foil and a 60% Aluminum Braid.

**Features:**
- High-Grade RG6 Coaxial Cable
- Suitable for Digital HDTV Applications, CATV and Digital Satellite Installations
- 18AWG Solid Copper-Clad Steel Conductor
- Shield: Aluminum Foil, 60% Aluminum Braid
- Fully Sweep Tested to 3GHz
- CM, CATV
- ETL Listed, RoHS Compliant, ISO 9001:2008
- Supplied in 1000ft Reel in a Box

**Item #** | **Description**
--- | ---
107-1234BK6S1RB | RG6, CCS Conductor, Dual Shield: Aluminum Foil, 60% Aluminum Braid, CM, 18AWG, 1000ft, Reel-in-Box, Black
107-1237WH6S1RB | RG6, CCS Conductor, Dual Shield: Aluminum Foil, 60% Aluminum Braid, CM, 18AWG, 1000ft, Reel-in-Box, White
Coaxial Cable  ➤ RG6

**RG6 Standard Shield CCS With Messenger**

This Vertical Cable Standard Shield RG6 features a Messenger wire for added structural strength. Additionally this cable features a cost saving CCS conductor. This cable is very well suited for Aerial Applications.

---

**Features:**
- High-Grade RG6 Coaxial Cable with Messenger (Aerial Installations)
- 18AWG CCS Conductor
- Shield: Aluminum Foil, 60% Aluminum Braid
- 75 Ohm Impedance
- PVC Jacket, CM Rated
- ETL Listed, RoHS Compliant, ISO 9001:2008
- 1000ft Reel Box

---

**RG6 Quad Shield BC**

Vertical Cable Quad Shield RG6 features 4 layers of shielding: Aluminum Foil, a 60% Aluminum Braid, another Aluminum Foil, and a 40% Aluminum Braid. These provide the ultimate protection from EMI. The bare copper conductor is another superior feature that adds to the quality of the signal.

---

**Features:**
- High-Grade RG6 Coaxial Cable
- Suitable for Digital HDTV Applications, CATV and Digital Satellite Installations
- 18AWG Solid Bare Copper Conductor
- Shield: Aluminum Foil, 60% Aluminum Braid, Aluminum Foil, 40% Aluminum Braid
- Fully Sweep Tested to 3GHz
- CM, CATV, CL2
- ETL Listed, RoHS Compliant, ISO 9001:2008
- Supplied in 1000ft Pull Box

---

**Item #** | **Description**
--- | ---
107-1233BK/MESG | RG6, W/ Messenger, CCS Conductor, Dual Shield: Aluminum Foil, 60% Aluminum Braid, 18AWG, 1000ft Reel in Box, Black

**Item #** | **Description**
--- | ---
107-2326/5BK | RG6, Bare Copper Conductor, Quad Shield: Aluminum Foil, 60% Aluminum Braid, Aluminum Foil, 40% Aluminum Braid, 18AWG, 500ft, Pull Box, Black

**Item #** | **Description**
--- | ---
107-2327/5WH | RG6, Bare Copper Conductor, Quad Shield: Aluminum Foil, 60% Aluminum Braid, Aluminum Foil, 40% Aluminum Braid, 18AWG, 500ft, Pull Box, White

**Item #** | **Description**
--- | ---
107-2309/BK | RG6, Bare Copper Conductor, Quad Shield: Aluminum Foil, 60% Aluminum Braid, Aluminum Foil, 40% Aluminum Braid, 18AWG, 1000ft, Pull Box, Black

**Item #** | **Description**
--- | ---
107-2310/WH | RG6, Bare Copper Conductor, Quad Shield: Aluminum Foil, 60% Aluminum Braid, Aluminum Foil, 40% Aluminum Braid, 18AWG, 1000ft, Pull Box, White
Coaxial Cable  ➤ RG6

RG6 Quad Shield CCS

The Vertical Cable RG6 Quad Shield maintains quality shield coverage, while providing a cost saving alternative for the conductor. This particular conductor is made from Copper Clad Steel instead of Bare Copper.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>107-1954BK6Q500</td>
<td>RG6, CCS Conductor, Quad Shield: Aluminum Foil, 60% Aluminum Braid, Aluminum Foil, 40% Aluminum Braid, 18AWG, 75 OHM, 500ft Pull Box, Black</td>
</tr>
<tr>
<td>107-1955WH6Q500</td>
<td>RG6, CCS Conductor, Quad Shield: Aluminum Foil, 60% Aluminum Braid, Aluminum Foil, 40% Aluminum Braid, 18AWG, 75 OHM, 500ft Pull Box, White</td>
</tr>
<tr>
<td>107-1952BK6Q1BX</td>
<td>RG6, CCS Conductor, Quad Shield: Aluminum Foil, 60% Aluminum Braid, Aluminum Foil, 40% Aluminum Braid, 18AWG, 75 OHM, 1000ft Pull Box, Black</td>
</tr>
<tr>
<td>107-1953WH6Q1BX</td>
<td>RG6, CCS Conductor, Quad Shield: Aluminum Foil, 60% Aluminum Braid, Aluminum Foil, 40% Aluminum Braid, 18AWG, 75 OHM, 1000ft Pull Box, White</td>
</tr>
</tbody>
</table>

Features:
- High-Grade RG6 Quad Shield
- Suitable for Digital HDTV applications, CATV, TV antenna and Satellite TV
- 18AWG Copper Clad Steel Conductor
- Shield: Aluminum Foil, 60% Aluminum Braid, Aluminum Foil, 40% Aluminum Braid
- Sweep Tested to 3GHz
- CM, CL2 Rated
- ETL Listed, RoHS Compliant, ISO 9001:2008
- Supplied in 1000ft Pull Box

Get Your Tools

Compression/Crimping Tool 078-1018
Universal Stripping Tool 078-1022
Cable Cutter (Up to 0.42/10.7mm) 078-1024
Coaxial Cable ➤ RG6

RG6 Standard Shield CCS Plenum
This Standard Shield RG6 features a Plenum jacket, which, in comparison to the regular jacket, is made from flame retardant materials. Vertical Cable Plenum cable is designed to meet rigorous fire safety standards, and provides an excellent cabling solution for fire prone areas. This Standard Shield RG6 cable features a cost saving CCS Conductor.

**Features:**
- High-Grade RG6 Coaxial Cable
- Suitable for Digital HDTV Applications, CATV, Outdoor TV Antennas and Digital Satellites
- 18AWG Solid CCS Conductor
- Shield: Aluminum Foil, 60% Aluminum Braid
- CMP Rated (Plenum)
- UL Listed, RoHS Compliant, ISO 9001:2008
- Supplied in 1000ft Wooden Spool

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>107-2315/P/BK</td>
<td>RG6, CMP CCS Conductor, Quad Shield: Aluminum Foil, 60% Aluminum Braid, 18AWG, 75 OHM, 1000ft Spool, Black</td>
</tr>
<tr>
<td>107-2315/P/WH</td>
<td>RG6, CMP CCS Conductor, Quad Shield: Aluminum Foil, 60% Aluminum Braid, 18AWG, 75 OHM, 1000ft Spool, White</td>
</tr>
</tbody>
</table>

RG6 Quad Shield CCS Plenum
In addition to the superior Quad Shield RG6, this Vertical Cable product features a Plenum jacket made from flame retardant materials. Our Plenum cables are designed to meet rigorous fire safety standards, and provide an excellent cabling solution for fire prone areas. This Quad Shield RG6 cable features a cost saving CCS Conductor.

**Features:**
- High-Grade RG6 Coaxial Cable
- Suitable for Digital HDTV Applications, CATV, Outdoor TV Antennas and Digital Satellite
- 18AWG Solid CCS Conductor
- Shield: Aluminum Foil, 60% Aluminum Braid, Aluminum Foil, 40% Aluminum Braid
- CMP Rated
- UL Listed, RoHS Compliant, ISO 9001:2008
- Supplied in 1000ft Wooden Spool

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>107-2316/P/BK</td>
<td>RG6, CMP CCS Conductor, Dual Shield: Aluminum Foil, 60% Aluminum Braid, 18AWG, 75 OHM, 1000ft Spool, Black</td>
</tr>
<tr>
<td>107-2316/P/WH</td>
<td>RG6, CMP CCS Conductor, Dual Shield: Aluminum Foil, 60% Aluminum Braid, 18AWG, 75 OHM, 1000ft Spool, White</td>
</tr>
</tbody>
</table>
RG6 Standard Shield CCS Direct Burial

The Vertical Cable RG6 Standard Shield Direct Burial is encased in a gel coated outdoor jacket, especially designed to withstand outdoor conditions, such as erosion, water. This cable is designed for direct burial applications. As always, the Standard Shield includes an Aluminum Foil and a 60% Aluminum Braid. This RG6 features a cost saving CCS conductor.

Features:
- High-Grade RG6 Direct Burial
- 18AWG CCS Conductor
- Shield: Aluminum Foil, 60% Aluminum Braid
- 75 Ohm Impedance
- Polyethylene (PE) Jacket
- Direct Burial (Gel Filled)
- ETL Verified, RoHS Compliant, ISO 9001:2008
- Supplied in 1000ft Wooden Spool

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>107-1234/DB/6S</td>
<td>RG6, Direct Burial, CCS Conductor, Dual Shield: Aluminum Foil, 60% Aluminum Braid, Gel Filling, 18AWG, 3.0 GHz, 1000ft Spool, Black</td>
</tr>
</tbody>
</table>

RG6 Quad Shield CCS Direct Burial

This Vertical Cable RG6 features a quad shield consisting of Aluminum Foil, 60% Aluminum Braid, another Aluminum Foil, and a 40% Aluminum Braid. This feature increases protection from EMI. This cable is also gel coated and made to withstand moisture. It is designed for direct burial applications.

Features:
- High-Grade RG6 Quad Shield Direct Burial
- 18AWG CCS Conductor
- Shield: Aluminum Foil, 60% Aluminum Braid, Aluminum Foil, 40% Aluminum Braid
- 75 Ohm Impedance
- Polyethylene Jacket (PE)
- Direct Burial (Gel Coated)
- ETL Verified, RoHS Compliant, ISO 9001:2008
- Supplied in 1000ft Spool

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>107-1952/DB/6Q</td>
<td>RG6, Direct Burial, CCS Conductor, Quad Shield: Aluminum Foil, 60% Aluminum Braid, Aluminum Foil, 40% Aluminum Braid, Gel Coated, 18AWG, 3.0 GHz, 1000ft Spool, Black</td>
</tr>
</tbody>
</table>

3.0 GHz Sweep Tested
RG6 Standard Shield - Dual Cable Siamese CCS

The Vertical Cable Dual Standard Shield RG6 is a convenient, time saving solution for running multiple RG6 cables along side each other. As usual, the Standard Shield features Aluminum Foil and a 60% Aluminum Braid in each cable. This dual RG6 also features a cost saving CCS conductor, and a quality PVC jacket.

RG6 Standard Shield CCS Siamese with 18/2 Power Cables

The Siamese RG6 is another efficient solution for running power and signal in the same cable. This Siamese includes one RG6 and 18AWG power cables. The dual shield is made from Aluminum Foil and with a denser 60% Aluminum Braid to protect from interference.

---

**Item #** | **Description**
--- | ---
107-2320/6DSBX | Dual RG6, CCS Conductor, Dual Shield: Aluminum Foil, 60% Aluminum Braid, 18AWG, 3.0 GHz, 500ft, Pull Box, Black

**Features:**
- High-Grade Dual RG6
- 18AWG CCS Solid Conductor
- Shield: Aluminum Foil, 60% Aluminum Braid
- Dual Coaxial Cable
- Swept Tested to 3.0 GHz
- 75 Ohm Impedance
- PVC Jacket
- ETL Listed, RoHS Compliant, ISO 9001:2008
- Supplied in 500ft Pull Box

**Item #** | **Description**
--- | ---
107-2181/BK | RG6 Siamese, + 18AWG Power Cables, CCS Conductor, Dual Shield: Aluminum Foil, 60% Aluminum Braid, 18AWG, 1000ft Spool, Black

**Features:**
- High-Grade Siamese RG6 Coaxial Cable with One Pair of 18AWG Power Cable
- RG6: 18AWG CCS Conductor
- Shield: Aluminum Foil, 60% Aluminum Braid
- Power: 18AWG BC Conductor
- Indoor Cable Application for: CCTV
- ETL Listed, RoHS Compliant, ISO 9001:2008
- Supplied in 1000ft Spool
This Siamese cable features an outdoor jacket for direct burial applications. This Vertical Cable product features a dual shield consisting of an Aluminum Foil and a 60% Aluminum Braid for better protection on quad shield variants. The conductor is made from CCS.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>107-2181/DB/BK</td>
<td>RG6 Siamese Direct Burial, + 18AWG Power Cables, CCS Conductor,</td>
</tr>
<tr>
<td></td>
<td>Shield: Aluminum Foil, 60% Aluminum Braid, Gel Filled, 18AWG, 1000ft Spool, Black</td>
</tr>
</tbody>
</table>

**Features:**
- High-Grade Siamese RG6 Direct Burial with a pair 18AWG Power Cables
- RG6: 18AWG CCS Conductor
- Shield: Aluminum Foil, 60% Aluminum Braid
- Gel Coated (Direct Burial)
- 75 Ohm Impedance
- Power: 18AWG BC Conductors
- Polyethylene Jacket
- ETL Verified, RoHS Compliant, ISO 9001:2008
- Supplied in 1000ft Spool

**RG6 STANDARD SHIELD**
- 083-1041/CP/S
- 083-1041/S
- 083-1041/PCP/S

**RG6 QUAD SHIELD**
- 083-1042/CP/Q
- 083-1042/Q
- 083-1042/PCP/Q

**ADD-ON TOOLS**
- 078-1018 Terminates RCA, BNC, RG59, RG6
- 078-2156 Coaxial Stripper
Coaxial Cable  ► RG11

**RG11 Standard Shield CCS**

The RG11 has less attenuation, or the degree at which signal quality is lost. For jobs that demand an extra fine signal over long distances, rely on the RG11. The RG11 is used for antenna connections and HDTV applications. As in the RG6 our RG11 features a Standard Shield: (1) Aluminum Foil & (2) a 60% Aluminum Braid.

**RG11 Quad Shield CCS**

Vertical Cable Quad Shield RG11 adds onto the Standard Shield RG11. The quad shield further protects this cable from electric and magnetic fields that may interfere with the signal. Just like in the RG6, the four shields are: Aluminum Foil, a 60% Aluminum Braid, another Aluminum Foil, and a 40% Aluminum Braid.
# Coaxial Cable

## RG11 Standard Shield CCS Direct Burial

As with other Vertical Cable Outdoor Coaxial Cables, this RG11 features a high grade outdoor rated jacket and is gel filled to block out water. This cable includes a cost saving CCS conductor as well as the Standard Shield consisting of Aluminum Foil and a 60% Aluminum Braid. This RG11 is designed for direct burial applications.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>107-1032/DB/R11</td>
<td>RG11 Direct Burial, CCS Conductor, Dual Shield: Aluminum Foil, 60% Braid, Gel Filled, 14AWG, CL2, PE Jacket, 1000ft Spool, Black</td>
</tr>
</tbody>
</table>

**Features:**
- High-Grade RG11 Direct Burial
- 14AWG CCS Solid Conductor
- Shield: Aluminum Foil, 60% Aluminum Braid
- Direct Burial Gel Filled
- 75 Ohm Impedance
- ETL Verified, RoHS Compliant, ISO 9001:2008
- Supplied in 1000ft Spool

## RG11 Quad Shield CCS Direct Burial

Just as its RG6 counterpart, the Direct Burial RG11 is available with a Quad Shield. This cable features a cost saving CCS conductor as well as four shields consisting of Aluminum Foil, a 60% Aluminum Braid, another Aluminum Foil, and a 40% Aluminum Braid. This RG11 is designed for direct burial applications.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>107-1032/DB/R11Q</td>
<td>RG11 Direct Burial, CCS Conductor, Quad Shield: Aluminum Foil, 60% Braid, Aluminum Foil, 40% Aluminum Braid, Gel Filled, 14AWG, PE Jacket, 1000ft Spool, Black</td>
</tr>
</tbody>
</table>

**Features:**
- High-Grade RG11 Direct Burial
- 14AWG CCS Solid Conductor
- Shield: Aluminum Foil, 60% Aluminum Braid, Aluminum Foil, 40% Aluminum Braid
- Direct Burial Gel Filled
- 75 Ohm Impedance
- ETL Verified, RoHS Compliant, ISO 9001:2008
- Supplied in 1000ft Spool
**Bundled Cable**

<table>
<thead>
<tr>
<th>Type / Category</th>
<th>CAT5E</th>
<th>2*CAT5E</th>
<th>CAT6</th>
<th>2*CAT6</th>
<th>2<em>CAT5E + 2</em>Multi-Fiber</th>
<th>RG59</th>
<th>RG6</th>
</tr>
</thead>
<tbody>
<tr>
<td>16/4 Audio</td>
<td>294-2173</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>18/2 Power Siamese</td>
<td>294-2177</td>
<td>294-2178</td>
<td></td>
<td></td>
<td></td>
<td>107-2180/WH (Check more in Coax section)</td>
<td>107-2181/BK &amp; 107-2181/DB/BK (Direct Burial)</td>
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<tr>
<td>CAT5E</td>
<td>294-2175</td>
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</tr>
<tr>
<td>CAT6</td>
<td>294-2176</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>RG6 Standard Shield</td>
<td>294-2181</td>
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<td></td>
<td></td>
<td></td>
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<tr>
<td>2*RG6 Standard Shield</td>
<td>294-2182</td>
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<tr>
<td>RG6 Quad Shield</td>
<td>294-2172</td>
<td>294-2179</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2*RG6 Quad Shield</td>
<td>294-2170</td>
<td>294-2171</td>
<td>294-2174</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**KNOW HOW TO BUNDLE**

Access controls, CCTV cameras, audio, and data applications all at once.

**CAT5E BUNDLED OPTIONS**

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>294-2173</td>
<td>Bundled Cable, 1 x 350 MHz Cat5E (UTP) with 4C x 16AWG, PVC Jacket, 500ft, Wooden Spool, White</td>
</tr>
</tbody>
</table>

**CAT6 BUNDLED OPTIONS**

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>294-2178</td>
<td>18/2 Power Siamese + CAT6=294-2178</td>
</tr>
<tr>
<td>294-2176</td>
<td>CAT6 + CAT6 (Siamese)=294-2176</td>
</tr>
<tr>
<td>294-2171</td>
<td>TWO RG6 Quad Shield + TWO CAT6=294-2171</td>
</tr>
</tbody>
</table>

**RG59 & RG6 BUNDLED OPTIONS**

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>107-2180/WH</td>
<td>18/2 Power Siamese + RG59=107-2180/WH</td>
</tr>
<tr>
<td>107-2181/BK</td>
<td>18/2 Power Siamese + RG6=107-2181/BK</td>
</tr>
<tr>
<td>107-2181/DB/BK</td>
<td>18/2 Power Siamese + RG6=107-2181/DB/BK (Direct Burial)</td>
</tr>
</tbody>
</table>

**Bundled Cable: CAT5E with 16/4 Audio (CMR)**

Vertical Cable Bundled Cables are designed for convenience and efficiency. This cable combines our standard 350MHz CAT5E (350MHz) with a 16/4 Audio Cable in one siamese cable. Save installation time, and improve cable organization with this bundled cable. The jacket is Riser Rated.

**Features:**

- CAT5E Unshielded Twisted Pair (UTP) Cable
- High-Performance CAT5E Data Communications Cable
- Suitable for 350MHz High-Speed Data Applications, Gigabit Ethernet, Fast Ethernet and 155Mbps TP-PMD/CDDI
- Designed for Indoor Installations, CMR Rated Jacket
- 4-Pair – Easily Identified Color-Striped Pairs
- 16AWG 4 Conductor Speaker Cable
- Exceeds ANSI/TIA 568C.2, ISO/IEC 11801 specifications
- ETL listed, RoHS Compliant
- Supplied in 500ft Wooden Spool
Bundled Cable: CAT5E with 18/2 Power Siamese (CMR)

The Vertical Cable Siamese CAT5E conveniently combines data with adjoined power. This cable houses our standard CAT5E (350MHz) with a 18/2 Power Cable in a siamese type.

**Features:**
- Category-5E Unshielded Twisted Pair
- High-Performance Data Cable
- 350MHz Bandwidth for Data Applications
- 24AWG Solid Bare Copper Conductors
- Exceeds ANSI/TIA 568C.2, ISO/IEC 11801
- 18AWG Stranded Cables
- Riser Rated Siamese PVC Jacket, CMR
- ETL Listed, RoHS Compliant
- 500ft Wooden Spool

**Item #** Description
294-2177 Bundled Cable, Category-5E (350MHz) with 18/2 Siamese, 24AWG, UTP, Solid Bare Copper, CMR Rated, PVC Jacket, 500ft, Wooden Spool, White

---

Bundled Cable: CAT6 with 18/2 Power Siamese (CMR)

The same features that come with the CAT5E Siamese Cable, are also available with CAT6. This cable combines our standard CAT6 (550MHz) with a 18/2 Power Cord all in one Siamese cable. Save installation time and improve cable organization by combining your data and power in one cable. This jacket is also PVC Riser Rated.

**Features:**
- Category-6 Unshielded Twisted Pair
- High-Performance Data Cable
- 550MHz Bandwidth for Data Applications
- 23AWG Solid Bare Copper Conductors
- Exceeds ANSI/TIA 568C.2, ISO/IEC 11801
- 18AWG Stranded Power Cables
- Riser Rated Siamese PVC Jacket, CMR
- ETL Listed, RoHS Compliant
- 500ft Wooden Spool

**Item #** Description
294-2178 Bundled Cable, CAT6 (550MHz) with 18/2 Siamese, 23AWG, UTP, Solid Bare Copper, CMR Rated, PVC Jacket, 500ft, Wooden Spool, White
Bundled Cable: RG6 Quad Shield CCS with CAT5E
Run your ethernet and TV cables along side each other with Vertical Cable Composite RG6 and CAT5E. This cable combines our Cat5E (350Mhz) together with one RG6 Quad Shield all in one Siamese-style constructed cable. This cable is a convenient time saver for certain applications, such as, digital HDTV, outdoor TV antennae, and digital satellite installations. The quality jacket is Riser Rated.

Features:
- Category-5E Unshielded Twisted Pair (UTP) Cable
- High-Performance CAT5E Data Communications Cable
- Designed for Indoor Installations, CMR Rated Jacket
- 4-Pair, Easily Identified Color-Striped Pairs
- Exceeds ANSI/TIA 568C.2, ISO/IEC 11801 specifications
- High-Grade RG6 Quad Shield Coaxial Cable
- 18AWG Solid Copper-Clad Steel
- 500ft Wooden Spool
- ETL, RoHS Compliant

Item # Description
294-2172 1 x RG6 (CCS) Quad Shield with 1 x CAT5E, 350Mhz, 24AWG, UTP, Solid, PVC Jacket, 500ft Wooden Spool, White

Bundled Cable: 2x RG6 Quad Shield CCS, 2x CAT5E, 2x Multi-Fiber
Save installation time, get organized, and prepare every outlet for fiber optic use. Just like other Vertical Cable Bundled Cables, this Composite is made for convenience, efficiency, and value. The cable houses two CAT5E, RG6s Quad Shield, and two Fibers Optic Cords. The jacket has the high grade Riser Rating.

Features:
- Category-5E Unshielded Twisted Pair (UTP) Cable
- High-Performance Cat5E Data Communications Cable
- Designed for Indoor Installations, CMR Rated Jacket
- 4-Pair, Easily Identified Color-Striped Pairs
- Exceeds ANSI/TIA 568C.2, ISO/IEC 11801 specifications
- High-Grade RG6 Quad Shield Coaxial Cable
- Suitable for Digital HDTV Applications, CATV, Outdoor TV Antennas and Digital Satellite Installations
- 18AWG Solid Copper-Clad Steel
- Sweept-Tested to 2GHz
- Multimode Fiber (2 Cores)
- ETL Listed, RoHS Compliant
- 500ft Wooden Spool

Item # Description
294-2174 Bundled Cable, 2 x RG6 (CCS) Quad Shield with 2 x 350 MHz CAT5E (UTP) 2x Multi-Fiber, 500ft Wooden Spool, White
Bundled Cable: 2xRG6 Quad Shield CCS with 2xCAT5E

Run twice as many ethernet and coaxial cables along side each other with Vertical Cable Bundle Solutions. This cable houses two CAT5E cables and two RG6 (Quad Shield) cables all in one bundle cable. This cable is a double time saver for certain installations. The jacket is Riser Rated.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>294-2170</td>
<td>2 x RG6 (CCS) Quad Shield with 2 x CAT5E, 350MHz, 24AWG, UTP, Solid, PVC Jacket, 500ft, Wooden Spool, Blue</td>
</tr>
</tbody>
</table>

**Features:**
- CMR Rated, c(ETL)US
- ETL Verified, RoHS Compliant
- Supplied in 500ft Spool

**Cat5E UTP Cable**
- High-Performance Data Cable
- 350MHz Bandwidth for Data Applications
- 24AWG Solid Bare Copper Conductors
- ANSI/TIA 568C.2, ISO/IEC-11801

**RG6 Coaxial Cable**
- High-Grade RG6 Quad Shield
- Suitable for Digital HDTV, CATV

---

Bundled Cable: 2x RG6 Quad Shield CCS with 2x CAT6

For less crosstalk in ethernet applications use Vertical Cable CAT6. This cable houses two CAT6 550MHz and two RG6 Quad Shield coax cable. This cable is a double time saver for ethernet/TV installations. The jacket is also Riser Rated.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>294-2171</td>
<td>2 x RG6 (CCS) Quad Shield with 2 x CAT6 550MHz 23AWG (UTP) White</td>
</tr>
</tbody>
</table>

**Features:**
- CMR Rated, c(ETL)US
- ETL Verified, RoHS Compliant
- 500ft Wooden Spool

**Cat6 UTP Cable**
- High-Performance Data Cable
- 550MHz Bandwidth for Data Applications
- 23AWG Solid Bare Copper Conductors
- ANSI/TIA 568C.2, ISO/IEC-11801

**RG6 Coaxial Cable**
- High-Grade RG6 Quad Shield
- Suitable for Digital HDTV, CATV
Bundled Cable: 2x CAT5E Siamese Style

CAT5E 350MHz Bulk Cable is the industry standard for data communication applications. Save installation time and get organized with the siamese type CAT5E cable. The two cables are joined together using a siamese style construction. Additionally, the jacket is made out of quality Riser Rated material.

### Features:
- High-Performance Data Cable
- 350MHz Bandwidth for Data Applications
- Category-5E Unshielded Twisted Pair
- 24AWG Solid Copper Conductors
- Easily Identified Color-Striped Pairs
- Exceeds ANSI/TIA 568C.2, ISO/IEC 11801
- Riser Rated PVC Jacket, CMR
- ETL Listed, RoHS Compliant
- 1000ft Wooden Spool

### Item #  Description
294-2175 Category-5E (350 MHz) Dual, Siamese Style, 24AWG, UTP, 8C Solid Bare Copper, CMR Rated, PVC Jacket, 1000ft, Wooden Spool, Blue

Vertical Cable Products are tested and verified by ETL & UL
**Bundled Cable: 2x CAT6 Siamese Style**

CAT6 550MHz PVC Bulk Cable provides even higher performance than our CAT5E Cable, further reducing crosstalk. The cable includes a divider that separates the twisted pairs from one another. CAT6 is standard for Gigabit Ethernet installations. Save time and improve organization by installing this Bundled Cable. The cables are joined together using a Siamese-style construction. Run two cables with one pull. The jacket is high grade Riser Rated.

### Features:
- High-Performance Data Cable
- 550MHz Bandwidth for Data Applications
- Category-6 Unshielded Twisted Pair
- 23AWG Solid Copper Conductors
- Easily Identified Color-Striped Pairs
- Exceeds ANSI/TIA 568C.2, ISO/IEC 11801
- Riser Rated PVC Jacket, CMR
- ETL Listed, RoHS Compliant
- 1000ft Wooden Spool

### OSHA’s Nationally Recognized Testing Laboratory (NRTL) Program

Recognizes private sector organizations to perform certification for certain products to ensure that they meet the requirements of both the construction and general industry OSHA electrical standards. Each NRTL has a scope of test standards that they are recognized for, and each NRTL uses its own unique registered certification mark(s) to designate product conformance to the applicable product safety test standards. After certifying a product, the NRTL authorizes the manufacturer to apply a registered certification mark to the product. If the certification is done under the NRTL program, this mark signifies that the NRTL tested and certified the product, and that the product complies with the requirements of one or more appropriate product safety test standards.

**Cabling Products Testing**

Intertek is the industry leader in providing cabling testing services for a wide range of products, including cables, connectivity components, and fiber.

From specialized performance and association testing, to independent verification of installed cabling products, Intertek provides a suite of services addressing the needs of manufacturers, contractors, facility managers and distributors.

Intertek houses a number of specialized chambers and equipment to meet your testing needs - from the typical to the extreme.

**UL**

UL supports your drive to enhance product quality and safety, access global markets and clearly differentiate your products in the marketplace. Service includes the rigorous assessments that manufacturers, installers, brand owners, retailers, regulatory bodies and consumers have come to expect from UL.

UL evaluates 70+ different wire and cable product categories to national and international standards for safety, performance, quality, environmental impact and regulatory compliance as required for markets in North America, Latin America, Middle East, Europe and Asia.
### Audio Cable

**High Strand Audio Cable | CMR CL3**

209 Series | 309 Series - Made in USA

#### PVC Jacket, UNSHIELDED

<table>
<thead>
<tr>
<th>Gauge</th>
<th>12AWG</th>
<th>14AWG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conductors</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>Strand</td>
<td>65</td>
<td>41</td>
</tr>
<tr>
<td>Unshielded</td>
<td>209-2324/5SWH 500' Pull Box</td>
<td>209-2321/BK 500' Pull Box</td>
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<tr>
<td></td>
<td>209-2324/5BK 500' Pull Box</td>
<td>209-2321/BK 500' Pull Box</td>
</tr>
<tr>
<td></td>
<td>309-2040/5BK 500' Pull Box</td>
<td>209-2321/BK 500' Pull Box</td>
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<tr>
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<td>309-2050/5WH 500' Pull Box</td>
<td>209-2321/BK 500' Pull Box</td>
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</tbody>
</table>

### PVC Jacket, SHIELDED

<table>
<thead>
<tr>
<th>Gauge</th>
<th>14AWG</th>
<th>16AWG</th>
</tr>
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<tbody>
<tr>
<td>Conductors</td>
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<td>4</td>
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<tr>
<td>Strand</td>
<td>41</td>
<td>65</td>
</tr>
<tr>
<td>Shielded</td>
<td>209-2347/5SWH 500' Pull Box</td>
<td>209-2355/5WH 500' Pull Box</td>
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<td></td>
<td>209-2351/5SWH 500' Pull Box</td>
<td>209-2359/5WH 500' Pull Box</td>
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### PE Jacket, DIRECT BURIAL

<table>
<thead>
<tr>
<th>Gauge</th>
<th>12AWG</th>
<th>14AWG</th>
<th>16AWG</th>
<th>18AWG</th>
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</thead>
<tbody>
<tr>
<td>Conductors</td>
<td>2</td>
<td>4</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>Strand</td>
<td>65</td>
<td>105</td>
<td>65</td>
<td>16</td>
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<tr>
<td>Direct Burial</td>
<td>209-2324/DB 500' Spool</td>
<td>209-2321/DB 500' Spool</td>
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<tr>
<td></td>
<td>209-2319/DB 500' Spool</td>
<td>209-2322/DB 500' Spool</td>
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<td></td>
<td>209-2328/DB 500' Pull Box</td>
<td>209-2329/DB 500' Pull Box</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Direct Burial Features:**
- Durable Weather Resistant Jacket
- High-Strand Oxygen Free
- Bare Copper Conductors
- Suitable for Direct Burial
- UV Rated Outer Jacket
- Water Block Tape

Please check availability of Purple color.
FACT from CAT

Wire thickness is identified by its American Wire Gauge (AWG) number. The lower the gauge number, the thicker the wire. Thicker wire presents less resistance to current flow. Thick wire (12 or 14 gauge) is recommended for long wire runs, high power applications, and low-impedance speakers (4 or 6 ohms). For shorter runs (less than 50 feet) to 8 ohm speakers, 16 gauge wire will usually work fine. It’s cost-effective and easy to work with.

12 Gauge
14 Gauge
16 Gauge
18 Gauge

Check availability:
10AWG, 2 Conductor, Stranded (105 Strand), PVC Jacket, 500ft, Spool, White - 209-2335/5WH

Features:
- Conductors: Oxygen-Free Stranded Bare Copper
- Stranded Conductors Provide Additional Flexibility
- Insulation Material: PVC
- Flame Retardant Test: CMR CL3
- ETL Listed, RoHS Compliant
- Available in a Wooden Spool or Pull Box

309 Series - Made in USA

New Easy2Pull Box
Same Great Vertical Cable Quality

209 Series - Made in China
## Fire Alarm Cable

<table>
<thead>
<tr>
<th>Type/Gauge</th>
<th>12AWG</th>
<th>14AWG</th>
<th>16AWG</th>
<th>18AWG</th>
<th>22AWG</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Unshielded</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 Conductors</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Shielded</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Short lengths available
Pre-cut lengths 500-950 FT
Made in USA

### CUSTOM COLORS and CUSTOM PACKAGING AVAILABLE

#### KNOW THE DIFFERENCE - FPLR & FPLP

**FPLR** - Fire Power Limited Riser. When you don’t need a shield or plenum insulation you go with a riser fire alarm cable that gets installed vertically. Available in sizes 22 AWG through 12 AWG with 2 and 4 conductors. Riser cables must pass both UL test 1424 and the vertical riser flame test UL 1666.

**FPLP** - Fire Power Limited Plenum, cables are plenum rated for horizontal overhead installations. FPLP cables are listed as having fire-resistant and low smoke-producing characteristics and must pass both UL test 1424 and UL tunnel test 910.
## Fire Alarm Cable  ▶ FPLP Plenum

**FPLP: 12/2, 14/2, 16/2, 18/2 Plenum**

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>315-122/P/RD</td>
<td>12/2 Alarm Cable, FPLP, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, Red</td>
</tr>
<tr>
<td>315-142/P/BL</td>
<td>14/2 Alarm Cable, FPLP, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, Blue</td>
</tr>
<tr>
<td>315-142/P/RD</td>
<td>14/2 Alarm Cable, FPLP, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, Red</td>
</tr>
<tr>
<td>315-142/P/YL</td>
<td>14/2 Alarm Cable, FPLP, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, Yellow</td>
</tr>
<tr>
<td>315-162/P/B</td>
<td>16/2 Alarm Cable, FPLP, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, Blue</td>
</tr>
<tr>
<td>315-162/P/RD</td>
<td>16/2 Alarm Cable, FPLP, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, Red</td>
</tr>
<tr>
<td>315-162/P/WH</td>
<td>16/2 Alarm Cable, FPLP, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, White</td>
</tr>
<tr>
<td>315-162/P/YL</td>
<td>16/2 Alarm Cable, FPLP, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, Yellow</td>
</tr>
<tr>
<td>315-182/P/RD</td>
<td>18/2 Alarm Cable, FPLP, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, Red</td>
</tr>
<tr>
<td>315-182/P/B</td>
<td>18/2 Alarm Cable, FPLP, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, Blue</td>
</tr>
<tr>
<td>315-182/P/WH</td>
<td>18/2 Alarm Cable, FPLP, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, White</td>
</tr>
<tr>
<td>315-182/P/YL</td>
<td>18/2 Alarm Cable, FPLP, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, Yellow</td>
</tr>
</tbody>
</table>

### Features:
- FPLP Fire Alarm Cable
- Fire protective signal circuit
- Solid Bare Copper Conductors
- Plenum Rated, Unshielded
- ETL Listed, RoHS Compliant
- Made in USA
- Does not comply with NYC LL5 (Local Law 5)

**Applications:** Smoke alarms and detectors, pull boxes, burglar alarms, addressable fire alarm systems.

## FPLP: 14/4, 16/4, 18/4 Plenum

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>315-144/P/RD</td>
<td>14/4 Alarm Cable, FPLP, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, Red</td>
</tr>
<tr>
<td>315-164/P/RD</td>
<td>16/4 Alarm Cable, FPLP, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, Red</td>
</tr>
<tr>
<td>315-184/P/RD</td>
<td>18/4 Alarm Cable, FPLP, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, Red</td>
</tr>
</tbody>
</table>
Fire Alarm Cable  ▶ FPLP Plenum Shielded

Fire Alarm Cable: Plenum, 16/2, Shielded

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>315-162/S/P/BL</td>
<td>16/2 Alarm Cable, FPLP, Shielded, Solid Bare Copper Conductors, 1000ft, Spool, Blue</td>
</tr>
<tr>
<td>315-162/S/P/RD</td>
<td>16/2 Alarm Cable, FPLP, Shielded, Solid Bare Copper Conductors, 1000ft, Spool, Red</td>
</tr>
<tr>
<td>315-162/S/P/YL</td>
<td>16/2 Alarm Cable, FPLP, Shielded, Solid Bare Copper Conductors, 1000ft, Spool, Yellow</td>
</tr>
</tbody>
</table>

Features:
- FPLP Fire Alarm Cable
- Fire protective signal circuit
- Solid Bare Copper Conductors
- Plenum Rated, Shielded
- ETL Listed, RoHS Compliant
- Made in USA

Applications: Smoke alarms and detectors, pull boxes, burglar alarms, addressable fire alarm systems

Fire Alarm Cable: Plenum, 18/2, Shielded

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>315-182/S/P/BL</td>
<td>18/2 Alarm Cable, FPLP, Shielded, Solid Bare Copper Conductors, 1000ft, Spool, Blue</td>
</tr>
<tr>
<td>315-182/S/P/RD</td>
<td>18/2 Alarm Cable, FPLP, Shielded, Solid Bare Copper Conductors, 1000ft, Spool, Red</td>
</tr>
<tr>
<td>315-182/S/P/YL</td>
<td>18/2 Alarm Cable, FPLP, Shielded, Solid Bare Copper Conductors, 1000ft, Spool, Yellow</td>
</tr>
</tbody>
</table>

Features:
- FPLP Fire Alarm Cable
- Fire protective signal circuit
- Solid Bare Copper Conductors
- Plenum Rated, Shielded
- ETL Listed, RoHS Compliant
- Made in USA

Applications: Smoke alarms and detectors, pull boxes, burglar alarms, addressable fire alarm systems
Fire Alarm Cable

**FPLR Riser**

Fire Alarm Cable made in USA. FPLR (Power-Limited Fire Alarm Riser Cable) and FPLP (Power-Limited Fire Alarm Plenum Cable) are available. Riser alarm cable can be used in vertical runs floor to floor, having some fire resistant characteristics. Plenum alarm cable can be used in fire prone ducts and spaces where air travels. Both types are typically housed in raceways or metal conduits. All alarm cable conductors are solid, and available in various gauges and numbers of conductors.

**FPLR: 14/2 Riser**

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>315-142/R/BL</td>
<td>14/2 Alarm Cable, FPLR, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, Blue</td>
</tr>
<tr>
<td>315-142/R/RD</td>
<td>14/2 Alarm Cable, FPLR, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, Red</td>
</tr>
<tr>
<td>315-142/R/YL</td>
<td>14/2 Alarm Cable, FPLR, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, Yellow</td>
</tr>
</tbody>
</table>

**Features:**
- FPLR Fire Alarm Cable
- Fire protective signal circuit
- Solid Bare Copper Conductors
- Riser Rated, Shielded
- ETL Listed, RoHS Compliant
- Made in USA

Applications: Smoke alarms and detectors, pull boxes, burglar alarms, addressable fire alarm systems

**FPLR: 16/2 Riser**

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>315-162/R/BL</td>
<td>16/2 Alarm Cable, FPLR, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, BL</td>
</tr>
<tr>
<td>315-162/R/RD</td>
<td>16/2 Alarm Cable, FPLR, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, Red</td>
</tr>
<tr>
<td>315-162/R/YL</td>
<td>16/2 Alarm Cable, FPLR, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, YL</td>
</tr>
</tbody>
</table>

**Features:**
- FPLR Fire Alarm Cable
- Fire protective signal circuit
- Solid Bare Copper Conductors
- Riser Rated, Shielded
- ETL Listed, RoHS Compliant
- Made in USA

Applications: Smoke alarms and detectors, pull boxes, burglar alarms, addressable fire alarm systems

**FPLR: 16/4 Riser**

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>315-164/R/RD</td>
<td>16/4 Alarm Cable, FPLR, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, Red</td>
</tr>
</tbody>
</table>

**Features:**
- FPLR Fire Alarm Cable
- Fire protective signal circuit
- Solid Bare Copper Conductors
- Riser Rated, Shielded
- ETL Listed, RoHS Compliant
- Made in USA

Applications: Smoke alarms and detectors, pull boxes, burglar alarms, addressable fire alarm systems
Fire Alarm Cable
FPLR: 18/2 Riser, Unshielded

Item # Description
315-182/R/BL 18/2 Alarm Cable, FPLR, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, Blue
315-182/R/RD 18/2 Alarm Cable, FPLR, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, Red
315-182/R/YL 18/2 Alarm Cable, FPLR, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, Yellow

Features:
- FPLR Fire Alarm Cable
- Fire protective signal circuit
- Solid Bare Copper Conductors
- Riser Rated, Shielded
- ETL Listed, RoHS Compliant
- Made in USA

Applications: Smoke alarms and detectors, pull boxes, burglar alarms, addressable fire alarm systems

With This Product You May Need:
045-V34/75WH Velcro Tie Wrap

FPLR: 18/4 Riser, Shielded

Item # Description
315-184/R/RD 18/4 Alarm Cable, FPLR, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, Red
315-184/S/R/RD 18/4 Alarm Cable, FPLR, Shielded, Solid Bare Copper Conductors, 1000ft, Spool, Red

Features:
- FPLR Fire Alarm Cable
- Fire protective signal circuit
- Solid Bare Copper Conductors
- Riser Rated, Shielded
- ETL Listed, RoHS Compliant
- Made in USA

Applications: Smoke alarms and detectors, pull boxes, burglar alarms, addressable fire alarm systems
Fire Alarm Cable  ▶ FPLR Riser Shielded

Fire Alarm Cable: Riser, 18/2, Shielded

- **Jacket**
- **Insulation**
- **Conductor**
- **Aluminum Shield**
- **Drain Wire**
- **Rip Cord**

### Item # | Description
---|---
315-182/S/R/BL | 18/2 Alarm Cable, FPLR, Shielded, Solid Bare Copper Conductors, 1000ft, Spool, Blue
315-182/S/R/G | 18/2 Alarm Cable, FPLR, Shielded, Solid Bare Copper Conductors, 1000ft, Spool, Green
315-182/S/R/RD | 18/2 Alarm Cable, FPLR, Shielded, Solid Bare Copper Conductors, 1000ft, Spool, Red

**Features:**
- FPLR Fire Alarm Cable
- Fire protective signal circuit
- Solid Bare Copper Conductors
- Riser Rated, Shielded
- ETL Listed, RoHS Compliant
- Made in USA

Applications: Smoke alarms and detectors, pull boxes, burglar alarms, addressable fire alarm systems

With This Product You May Need:

- 045-CT/50/12NT
  Cable Ties 50LBS

Fire Alarm Cable: Riser, 22/4, Unshielded

- **Jacket**
- **Insulation**
- **Conductor**
- **Rip Cord**

### Item # | Description
---|---
315-224/R/5RD | 22/4 Alarm Cable, FPLR, Unshielded, Solid Bare Copper Conductors, 500ft, Spool, Red
315-224/R/5RDCP | 22/4 Alarm Cable, FPLR, Unshielded, Solid Bare Copper Conductors, 500ft, Coil Pack, Red

**Features:**
- FPLR Fire Alarm Cable
- Fire protective signal circuit
- Solid Bare Copper Conductors
- Riser Rated, Shielded
- ETL Listed, RoHS Compliant
- Made in USA

Applications: Smoke alarms and detectors, pull boxes, burglar alarms, addressable fire alarm systems
Security and Communication Cable

Security & Communications Cable

Including a broad variety of applications ranging from security to intercom to sound systems. Applications include: door controllers, prox sensors, key pads, sound systems, access control and smoke detectors.

Control Cable and Access Control Cable features 18AWG and 22AWG conductor pairs for various uses:

access control panels, prox sensors, keypads, card readers, alarm systems, speakers, microphones and more. Both Plenum and non-Plenum variants are available. The Plenum version is designed to meet rigorous fire safety standards, and provides cabling solutions for fire prone areas.

Access Control Cable: 22/3Pair (Shielded) + 18/4 + 22/4 + 22/2 Riser

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>214-2325/GR</td>
<td>22/3P Shielded + 18/4 + 22/4 + 22/2 Lighting Control Cable Riser Rated, 500ft, Green</td>
</tr>
</tbody>
</table>

Applications Include:
Access Control Panels, Security Panels, Card Readers, Sensors, Keypads, Power, Microphones, Speakers, Alarm Systems

Access Control Cable: 22/3Pair (Shielded) + 18/4 + 22/4 + 22/2 Plenum

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>214-2326/P/YL</td>
<td>22/3P Shielded + 18/4 + 22/4 + 22/2 Lighting Control Cable Plenum Rated, 500ft, Yellow</td>
</tr>
</tbody>
</table>

Applications Include:
Access Control Panels, Security Panels, Card Readers, Sensors, Keypads, Power, Microphones, Speakers, Alarm Systems

Features:
- 4 Component Lighting Control Cable
- Each component contains a rip cord
- Overall PVC Riser Rated Jacket
- ETL Listed, RoHS Compliant
- 500ft Spool
- Contains: 22AWG/3 Pair Shielded, 18AWG/4Conductor, 22AWG/4Conductor, 22AWG/2Conductor

Applications Include:
Access Control Panels, Security Panels, Card Readers, Sensors, Keypads, Power, Microphones, Speakers, Alarm Systems

Features:
- 4 Component Lighting Control Cable
- Each component contains a rip cord
- Overall PVC Riser Rated Jacket
- ETL Listed, RoHS Compliant
- 500ft Spool
- Contains: 22AWG/3 Pair Shielded, 18AWG/4Conductor, 22AWG/4Conductor, 22AWG/2Conductor
## Security and Communication Cable

### Control Cable: 22/2 (Shielded) + 18/2, CL3 Rated.

#### Applications:
- Touch Panels, Key Pads, Expansion Modules, Tuners, Power Limited Control Circuits

#### Features:
- Control Cable
- Overall PVC Riser Rated Jacket
- ETL Listed, RoHS Compliant
- 1000ft Spool

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>214-2321/TL</td>
<td>22/2 Shielded + 18/2 Stranded Bare Copper Conductors, Riser, 1000ft, Wooden Spool, Teal with Yellow Stripe</td>
</tr>
</tbody>
</table>

### Control Cable: 22/2 (Shielded) + 16/2, CL3 Rated.

#### Features:
- High Grade Lighting Control System Cable
- In-home, commercial, and industrial lighting applications
- Used in conjunction with security & sensor systems
- Indoor Applications
- Riser Rated for Indoor Use
- Light Dimmers, environmental sensors, smart eco-friendly lighting control
- ETL Listed, RoHS Compliant
- 1000ft Spool

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>214-2323/WH</td>
<td>22/2 Shielded + 16/2 Stranded Bare Copper Conductors, Riser Rated 1000ft, Wooden Spool, White</td>
</tr>
</tbody>
</table>

### Control Cable: Plenum, 22/2 (Shielded) + 18/2, CL3 Rated.

#### Features:
- Control Cable
- Plenum Rated, for Indoor Use
- Touch Panels, Key Pads, Expansion Modules, Tuners, Power Limited Control Circuits
- ETL Listed, RoHS Compliant
- 1000ft Spool

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>214-2324/P/TL</td>
<td>22/2 Shielded + 18/2 Stranded Bare Copper Conductors, Plenum, 1000ft, Wooden Spool, Teal with Yellow Stripe</td>
</tr>
</tbody>
</table>
Security Cable

Plenum Security Cable
Made from flame retardant materials. These cables are designed to meet rigorous fire safety standards, and provide cabling solutions for fire prone areas. It is available shielded or unshielded, and with various numbers of conductors.

<table>
<thead>
<tr>
<th>Type / Category</th>
<th>12AWG</th>
<th>14AWG</th>
<th>16AWG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gauge</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Conductors</td>
<td>2</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Strand</td>
<td>19</td>
<td>19</td>
<td>19</td>
</tr>
<tr>
<td>Unshielded</td>
<td>211-122/P/SWH</td>
<td>211-142/P/WH</td>
<td>211-162/P/WH</td>
</tr>
<tr>
<td></td>
<td>211-124/P/SWH</td>
<td>211-144/P/WH</td>
<td>211-164/P/SWH</td>
</tr>
<tr>
<td>Shielded</td>
<td>211-144/S/P/WH</td>
<td>211-162/S/P/WH</td>
<td>211-164/S/P/WH</td>
</tr>
</tbody>
</table>

Features:
- Conductors: Stranded Bare Copper
- Stranded Conductors Provide Additional Flexibility
- Insulation Material: Low Smoke PVC
- Flame Retardant Test: CMP Rated
- Sequential Length Markings on Jacket
- UL or ETL Listed, RoHS Compliant
- 500ft or 1000ft (Pull Box or Spool)

Applications:
- Intercom Systems
- Sound / Audio
- Security Systems
- Power Limited Control Circuits
- Indoor Applications
**SECURE SMARTER with Vertical Cable**

Add Access Control Cable (Plenum or Riser):
22AWG/3 Pair Shielded, 18AWG/4 Conductor, 22AWG/4 Conductor, 22AWG/2 Conductor (214 Series).

<table>
<thead>
<tr>
<th>Plenum</th>
<th>18AWG</th>
<th>22AWG</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>7</td>
<td>16</td>
</tr>
<tr>
<td>211-182/P/WH</td>
<td>211-183/P/WH</td>
<td>211-184/P/5WH</td>
</tr>
</tbody>
</table>

---

**Vertical Cable**

Intercom
Keypads
Power
Home automation
Auxiliary devices
Fire alarm
Doors, windows, motion sensors
Glass break detectors

---

California 951.696.7772  Florida 800.749.2447  New York 845.391.8318  verticalcable.com
## Security Cable

### Security & Communications Cable (Non-Plenum)

<table>
<thead>
<tr>
<th>Type / Category</th>
<th>14AWG</th>
<th>Non-Plenum</th>
<th>18AWG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gauge</td>
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<tr>
<td>Conductors</td>
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<td>2 3 4</td>
<td>2 3 4</td>
</tr>
<tr>
<td>Strand</td>
<td>19</td>
<td>16 16 16 16</td>
<td>16 16 16</td>
</tr>
<tr>
<td></td>
<td>211-186ST/S/5GY 211-188ST/S/5GY</td>
<td>211-186ST/S/5GY 211-188ST/S/5GY</td>
<td>211-186ST/S/5GY 211-188ST/S/5GY</td>
</tr>
</tbody>
</table>

**Unshielded**

1. Jacket
2. Insulation
3. Conductor
4. Rip Cord

**Shielded**

1. Jacket
2. Rip Cord
3. Aluminum Foil
4. PE Tape
5. Drain Wire
6. Insulation
7. Conductor

---

*verticalcable.com California 951.696.7772 Florida 800.749.2447 New York 845.391.8318*
### Type / Category

**Non-Plenum**

#### Gauge

22AWG

<table>
<thead>
<tr>
<th>Conductors</th>
<th>Strand</th>
<th>Solid</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>210-222ST/GY</td>
<td>211-222ST/SGY</td>
</tr>
<tr>
<td></td>
<td>210-222ST/WH</td>
<td>211-222ST/SWH</td>
</tr>
<tr>
<td></td>
<td>211-222ST/GY</td>
<td>211-222ST/WH</td>
</tr>
<tr>
<td></td>
<td>211-222ST/SWH</td>
<td>212-222ST/SWH</td>
</tr>
<tr>
<td></td>
<td>212-222ST/SGY</td>
<td>212-222ST/SWH</td>
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<td>212-222ST/WH</td>
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<td>211-224ST/GY</td>
<td>211-224ST/WH</td>
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<td>211-224ST/SWH</td>
<td>212-224ST/SWH</td>
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<td></td>
<td>212-224ST/WH</td>
<td>212-224ST/SWH</td>
</tr>
<tr>
<td>6</td>
<td>210-226ST/GY</td>
<td>210-226ST/WH</td>
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<td>212-226ST/SWH</td>
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<td>212-226ST/SWH</td>
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<td>212-226ST/SWH</td>
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<td>8</td>
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<td>210-228ST/WH</td>
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<tr>
<td></td>
<td>210-228ST/SWH</td>
<td>212-228ST/SWH</td>
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<tr>
<td></td>
<td>212-228ST/SGY</td>
<td>212-228ST/SWH</td>
</tr>
<tr>
<td></td>
<td>212-228ST/WH</td>
<td>212-228ST/SWH</td>
</tr>
</tbody>
</table>

#### Applications:

- Indoor Remote Control of Security
- Intercom Systems
- Sound / Audio Systems
- Door Controllers, Prox Sensors, Key Pads, Access Control, Smoke Detectors
- Indoor Applications

#### Features:

- Conductor: Stranded Bare Copper
- Stranded Conductors Provide Additional Flexibility
- Insulation Material: PVC
- Jacket: PVC
- Sequential Length Markings on Jacket
- 500ft or 1000FT (Pull Box, Spool or Coil Pack)
- ETL Listed, RoHS Compliant

#### Packaging:

Wood Spool, Pull Box, Coil Pack

---

Ask Your Account Manager about our Made in USA Security Cable
### CAT5E Patch Cords: UTP Non-Booted

<table>
<thead>
<tr>
<th>Size</th>
<th>Black</th>
<th>Blue</th>
<th>Green</th>
<th>Gray</th>
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<th>White</th>
<th>Yellow</th>
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<tbody>
<tr>
<td>1 Ft</td>
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<td>093-689/1GR</td>
<td>093-690/1RD</td>
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<td>093-695/1YL</td>
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<td>093-749/14YL</td>
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</tbody>
</table>

**Features:**
- Category 5E Patch Cords
- PVC Jacket: Flame Retardant
- Gold Plated Contacts
- cUL Listed and RoHS Compliant
- 24AWG/4 Pair Stranded Bare Copper Conductors for flexibility
- Available in various colors and lengths

### CAT5E Patch Cords: F/UTP with Boot and Protector

Vertical Cable offers CAT5E and CAT6 Patch Cords without Boot or Protector, in addition to regular patch cords. Vertical Cable offers these patch cords in various colors and lengths up to 25 feet. They are c(UL) Listed.

<table>
<thead>
<tr>
<th>Size</th>
<th>Blue</th>
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<th>White</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Ft</td>
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<tr>
<td>25 Ft</td>
<td>071-544/25BL</td>
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<td>Call</td>
</tr>
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**Features:**
- Category 5E Patch Cords
- PVC Jacket: Flame Retardant
- Gold Plated Contacts
- cUL Listed and RoHS Compliant
- 24AWG/4 Pair Stranded Bare Copper Conductors for flexibility
- Available in various colors and lengths
**CAT5E Patch Cords: UTP with Boot and Protector**

Vertical Cable Category Patch Cords with Boot and Protector lengthen the life span of the traditional patch cord. The boot ensures that the cable remains protected from bends and breakage. The protector shields the plastic locking tab from breaking off. These come available in Unshielded and Shielded.
**CAT6 Patch Cords: UTP Non-Booted**

<table>
<thead>
<tr>
<th>Size</th>
<th>Black</th>
<th>Blue</th>
<th>Green</th>
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<tbody>
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**Features:**
- Category 6 Patch Cords
- PVC Jacket: Flame Retardant
- Gold Plated Contacts
- cUL Listed and RoHS Compliant
- Available in various colors and lengths
- 10 per bag

**CAT6 Patch Cords: UTP with Boot and Protector**

<table>
<thead>
<tr>
<th>Size</th>
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<th>Blue</th>
<th>Green</th>
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<td>Call</td>
<td>094-2400/150GY</td>
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<td>Call</td>
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</table>

**With This Product You May Need:**

- 045-V12/88K
- 302-KJC/BL
- 040-369/C6/WH
- 042-2134
- 352-V2722/YL

042-378/48

---

74  verticalcable.com  California 951.696.7772  Florida 800.749.2447  New York 845.391.8318
**CAT6A Patch Cords: UTP with Protector (Slim Type)**

### Features:
- Category 6A Patch Cords UTP (Slim Type)
- PVC Jacket: CM Rated
- 8P8C Gold Plated Pins
- cUL Listed and RoHS Compliant
- 28AWG/4 Pair Stranded Bare Copper Conductors for flexibility
- Available in various colors and lengths
- 568B Wiring Color Code

### Compare CAT6A Patch Cords: 076 Series vs. 077 Series

**CAT6A Patch Cords: F/UTP with Boot and Protector**

### Features:
- Category 6A Patch Cords
- PVC Jacket: Flame Retardant
- Gold Plated Contacts
- cUL Listed and RoHS Compliant
- 24AWG/4 Pair Stranded Bare Copper Conductors for flexibility
- Available in various colors and lengths
### Item # Description

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
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<tbody>
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<td>HDMI 2.0 Ultra HD 4Kx2K 60Hz/18Gbps/3D 3FT, HDMI Certified Premium, Retail Bag</td>
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<td>241-012/6FT</td>
<td>HDMI 2.0 Ultra HD 4Kx2K 60Hz/18Gbps/3D 6FT, HDMI Certified Premium, Retail Bag</td>
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<tr>
<td>241-014/10FT</td>
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<td>241-016/15FT</td>
<td>HDMI 2.0 Ultra HD 4Kx2K 60Hz/18Gbps/3D 15FT, HDMI Certified Premium, Retail Bag</td>
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<td>242-044/100FT</td>
<td>HDMI 2.0 with Amplifier Ultra HD 4Kx2K 60Hz/3D, Gold Plated 100FT Black (Directional)</td>
</tr>
</tbody>
</table>

**Features:**

- High Speed HDMI Cable 18Gbps (with Amplifier)
- Gold Plated Contacts, Type-A 19pin
- 18Gbps – Ultra HD 2160p
- 2K/4K – 60Hz, 120Hz, 240Hz, 360Hz
- HDR, HEC, ARC, 3D, HDCP Compliant
- UL Listed RoHS Compliant
- Directional – Input / Output (75FT & 100FT)
- CL3 Rated for In-wall installations (for 25, 30, 50, 75 and 100FT only)

**Certified by HDMI® Authorized Test Centers:**

Each individual length of these cables has been tested to ensure that it is capable of delivering the full 18Gbps bandwidth required by the latest HDMI specification. Once the cable has passed the rigorous testing procedure, HDMI Licensing issues a Premium Certified Cable label, which includes a hologram and 2D barcode, so you can trust that the cable will deliver the highest level of HDMI performance.
WHEN LENGTH MATTERS — Vertical Cable

High Speed HDMI 2.0 Cable with Amplifier
242-044/100FT
242-043/75FT

HDR, HEC, ARC, 3D, HDCP Compliant
2K/4K - 60Hz, 120Hz, 240Hz, 360Hz
CL3 Rated for In-wall installations
Directional — Input / Output
18Gbps, Ultra HD 2160p

With HDMI Cables you may need:

- HDMI Coupler Jack (F/F)
  245-KJC/FF/180
  Please check availability

- HDMI Female to HDMI Female 90° Adapter
  245-AD/HF-HF/90
  Please check availability

- HDMI Male TO DVI 18 +1 Female Adapter
  245-AD/HM-DF
  Please check availability

- HDMI Male to DVI 18 +1 Male Adapter
  245-AD/DM-HF
  Please check availability

- HDMI Wall Plate - 1 Port
  245-WP/1H/180

- HDMI + F81 Decora Wall Plate
  245-WP/HF81
Fiber Optic Patch Cords

Multimode & Singlemode Duplex Patch Cords

Vertical Cable carries the most popular types of 62.5/125 Multimode and 9/125 Singlemode Duplex Patch Cords. These fiber optic cords have ceramic connectors with PC and UPC finish and an OFNR rated jacket. The connectors are secured with epoxy and crimped in place to ensure their durability.

**Multimode Duplex PC Polish**

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<thead>
<tr>
<th>Size</th>
<th>ST-ST</th>
<th>LC-ST</th>
<th>LC-SC</th>
<th>SC-SC</th>
<th>SC-ST</th>
<th>LC-LC</th>
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<td>261-STST/1MM</td>
<td>261-LCST/1MM</td>
<td>261-LCSC/1MM</td>
<td>261-SCSC/1MM</td>
<td>261-SCST/1MM</td>
<td>261-LCLC/1MM</td>
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<td>261-LCSC/2MM</td>
<td>261-SCSC/2MM</td>
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<td>261-LCSC/3MM</td>
<td>261-SCSC/3MM</td>
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<td>261-LCSC/5MM</td>
<td>261-SCSC/5MM</td>
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<td>261-SCSC/10MM</td>
<td>261-SCST/10MM</td>
<td>261-LCLC/10MM</td>
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</tbody>
</table>

**Features:**
- Multimode duplex fiber optic patch cord
- PC polish
- 62.5/125
- 3.0mm diameter
- Multiple lengths available
- Low back reflection and insertion loss
- PVC jacket
- Ceramic ferrule
- UL, RoHS Compliant
- Custom configurations available

**Singlemode Duplex UPC Polish**

<table>
<thead>
<tr>
<th>Size</th>
<th>ST-ST</th>
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**Features:**
- Multimode duplex fiber optic patch cord
- UPC polish
- 9/125
- 3.0mm diameter
- Multiple lengths available
- Low back reflection and insertion loss
- PVC jacket
- Ceramic ferrule
- UL, RoHS Compliant
- Custom configurations available

**OM3 Multimode Duplex PC Polish**

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**Features:**
- Multimode duplex fiber optic patch cord
- PC polish
- 50/125
- 2.0mm diameter
- Multiple lengths available
- Low back reflection and insertion loss
- PVC jacket
- Ceramic ferrule
- UL, RoHS Compliant
- Custom configurations available
COPPER OR FIBER?

Each solution has its fair share of pros and cons. With unique benefits and limitations to each technology, it hardly seems like they’re competing technologies at all.

Fiber is great for faster speeds, security and data delivery over super-long distances. But on the flipside, it’s brittle, a bit unwieldy, and much more expensive. Copper is getting faster, but it has some notable limitations with regard to distance. In its unshielded form, it can also be prone to interference.

So what’s better? It depends...
Glass is great for outdoor applications and you can transmit a lot of data over incredible distances with fiber cabling. However, once you’re actually at the cabinet or close to the roofline of a home or building, the choice becomes more nuanced. This is where ethernet copper cable is giving fiber a run for its money.

- Single mode fiber can reach distances 50x greater than multimode can accommodate.
- Multi mode fiber – the short distance version, typically reaches up to 10 Gbits/s over lengths of up to 600 m or 2000 ft.
Telephone Cords (Terminated)

Phone Cords serve the sole purpose of transmitting voice data between telephones. 6 position and 4 conductor cords (RJ11) are used primarily for home land lines and single line connections. 6 position and 6 conductor cords (RJ12) have the capacity to carry more data and are therefore used for multiple-line office phones. Vertical Cable conveniently carries both varieties in various lengths in the widely used silver-satin color.

**Features:**
- PVC Jacket, Silver Satin
- 7-Strand CCA Conductors
- 6P4C (RJ11 Termination) and 6P6C (RJ12 Termination) Available
- RoHS Compliant
- Available in 7ft, 14ft, and 25ft lengths
- Straight through-pinout

<table>
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<tr>
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<th>6 Conductor</th>
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<td>25ft</td>
<td>091-707/4C/25S</td>
<td>091-716/6C/25S</td>
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Telephone Wire: 4 Conductor (Not Terminated)

**Features:**
- PVC Jacket, Silver Satin
- 7-Strand CCA Conductors
- RoHS Compliant
- 1000ft Spool

<table>
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<td>091-719/4C/1K</td>
<td>Phone Cord, 6P4C, 28AWG, Silver Satin, Stranded, 1000ft Spool</td>
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</table>

Telephone Wire: 6 Conductor (Not Terminated)

**Features:**
- PVC Jacket, Silver Satin
- 7-Strand CCA Conductors
- 6 Conductor (RJ12)
- RoHS Compliant
- 1000ft Spool

<table>
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<td>091-722/6C/1K</td>
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</table>
Punch Down Blocks & Accessories

Punch Down Blocks and Accessories

Vertical Cable’s punch down blocks are essential in telephony applications. The copper wires can be punched directly into the IDC slots. Perfect for use with Vertical Cable CAT3/5E Multipair. The wires can be punched down using Vertical Cable punch down tools. Various accessories are available.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
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<tbody>
<tr>
<td>043-S66M150</td>
<td>Siemon 66 Block, 50-Strip Punch Down Block, No Cover, No Brackets</td>
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<td>043-S89D</td>
<td>Siemon 66 Block Bracket - Beige</td>
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<td>043-MC425</td>
<td>Snap on Cover for S66 Punch Block</td>
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<td>043-S110AB2100F</td>
<td>Siemon 110 Field Termination Kit, Accessories &amp; Labels Included, Ivory</td>
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<td>043-SA1-100</td>
<td>Siemon 66 Block 2 Position Bridging Clip</td>
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<td>048-120/WDS</td>
<td>Wire Distribution Spool, White</td>
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<tr>
<td>091-1P/CC/WB/B</td>
<td>Cross Connect Cable, 1 Pair, 1000ft</td>
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**Features:**
- Blocks are the cost saving standards for phone system connections
- Covers and Clips Available
- Wire distribution spool nearly holds in place, guides and retains wires around punch-block installations; for use with CAT3/5E Multipair

Call Us
800.749.2447 (FL)
845.391.8318 (NY)
951.696.7772 (CA)
if You Have Any Questions

Vertical Cable Team
ATTENUATION
A reduction in signal strength commonly occurring while transmitting analog or digital signals over long distances.

BRAID
Strands of copper or aluminum or tinned copper woven together in a braid pattern and used as a shield.

CABLE
An insulated wire or wires having a protective casing and used for transmitting electricity or telecommunication signals.

CABLE CORE
The conductors of a cable. They are generally copper wire.

CABLE ELECTRICAL CHARACTERISTICS
Properties include attenuation, capacitance, impedance and shielding.

CHARACTERISTIC IMPEDANCE
The characteristic impedance or surge impedance of a uniform transmission line is the ratio of the amplitudes of voltage and current of a single wave propagating along the line; that is, a wave travelling in one direction in the absence of reflections in the other direction.

CL2
It stands for “Class 2 Remote-Control, Signaling, and Power-Limited Circuits” cable, which indicates that the cable is suitable for in-wall installation and use for certain low-voltage applications.

CL3
It mirrors the definitions of Class 2 wire. Insulation rating is 300v.

CL3P
Class 3 plenum cable

CM
It stands for “Communications Multipurpose” cable, which indicates that the cable is a communications cable suitable for in-wall installation.

COATING
A covering that is applied to the surface of an object, usually referred to as the substrate. The purpose of applying the coating may be decorative, functional, or both.

COAXIAL CABLE
A type of electrical cable that has an inner conductor surrounded by a tubular insulating layer, surrounded by a tubular conducting shield.

COMPOSITE CABLE
Are used for standard definition connections. There are three separate colored wires in a composite cable: Red and white for left audio and right audio. Yellow for video.

CONDUCTOR
A material or object that permits an electric current to flow easily.

CONDUCTOR CORE
Center strand or member where one or more layers of wires or members are laid helically to form a concentric-lay or rope-lay conductor.

CONNECTOR
A device for keeping two parts of an electric circuit in contact.

CONTINUITY
Continuous electrical current flow through a length of wire.

CONTINUITY CHECK
The checking of an electric circuit to see if current flows (that it is in fact a complete circuit).

CONTINUOUS LENGTH
One length of wire or cable without splices.

CONTROL CABLE
Multi-conductor cables used in automation and instrumentation applications. Control cables can measure and regulate transmissions of automated processes. Control cables are often UL rated. Some stranded construction include:

UNILAY
Conductors are twisted together with the same lay direction and cable lay length and have a well-defined geometric configuration and defined cross-section.

BUNCED
Formed from any number of wires twisted together in the same direction, such that all strands have the same lay length, but no specific geometric arrangement.

CORD
A long slender flexible material usually consisting of several strands (as of thread or yarn) woven or twisted together.

CRIMP TERMINATION
Performed when the device requires a contact or terminal.

cUL
UL marking for products certified in Canada.
dB
Decibel - Logarithmic unit that indicates the ratio of a physical quantity. It expresses power loss in cables.

DIELECTRIC
An electrical insulator that can be polarized by an applied electric field.

DIRECT BURIAL RATED
A kind of communications or transmissions electrical cable which is especially designed to be buried under the ground without any kind of extra covering, sheathing, or piping to protect it.

DRAIN WIRE
A wire wrapped around or part of a shield within a cable that reduces the resistance from any point on the shield to ground.

EIA
Electronics Industries Association - was a standards and trade organization composed as an alliance of trade associations for electronics manufacturers in the United States.

ETHERNET
A system for connecting a number of computer systems to form a local area network, with protocols to control the passing of information and to avoid simultaneous transmission by two or more systems.

ETL
Edison Testing Laboratories - Now known as Intertek Group is a multinational inspection, product testing and certification company.

FIBER OPTIC
Thin transparent fibers of glass or plastic that are enclosed by material of a lower refractive index and that transmit light throughout their length by internal reflections.

There are three basic kinds of fiber optic cables:
Plastic – Uses visible light as the signal-carrying medium.
Multi-mode – Made of glass and can come in various diameters.
Single-mode – The king of fiber. It has two windows, they are at different wavelengths, 1300 nm and 1550 nm.

FLAME RATINGS
For flammability tests, refer to regulatory agencies: FT1, FT2, FT4, FT6, UL 1666 Riser, IEEE1202, IEC 332-3, UL 1685 Vertical-Tray, UL 1581 Section 1061, VW-1, UL 1581 Section 1060 and UL 1581 Section 1090.

FLAME RESISTANT
A substance that is applied to fabric, wood, or other material in order to make it resistant to catching fire. Also called fire retardant.

FLEX LIFE
The capability of a material (as nylon or rubber) to withstand repeated bending without fracture.

FLEXIBILITY
The ease with which a cable may be bent.

FLEX TEST
Test to determine the ability of a cable to withstand repeated bending and twisting.

FLEXIBLE CORD
Internationally recognized - Harmonized standards of the US, Canada and Mexico.

FOIL SHIELDS
Consist of two layers, a metal layer and a plastic substrate of polyester.

HDPE
High Density Polyethylene - Can be used as an insulation or jacket material.

HEAT RESISTANCE
Ability of a material to maintain physical and chemical identity and electrical integrity under specified temperature conditions.

HERTZ (Hz)
A unit of frequency, expressed in cycles per second.

INSULATION
Material having high resistance to the flow of electric current.

JACKET
Outer covering, usually nonmetallic.

LEGEND
Indent or ink print on inner conductor of finished jacket to identify cable.

LLD PE
Linear low-density polyethylene - Can be used as an insulation or jacket material.

LS
Low Smoke.

LSHF
Low Smoke Halogen Free.

LSZH
Low Smoke Zero Halogen.

MESSENGER WIRE
Metallic supporting member either solid or stranded which may also perform the function of a conductor.

MULTI-CONDUCTOR
Cable consisting of many conductors and is common in control applications.
GLOSSARY

NYLON
Strong polyamide polymer used for wire, cable jacketing, fillers and rope.

OD
Outside Diameter.

OF HC
Oxygen-Free, High Conductivity copper. It has no residual deoxidant, 99.95% minimum copper content and an average annealed conductivity of 101%.

OHM (Ω)
Unit of measure for resistance such that a constant current of one ampere produces a force of one volt.

PAIR
Two insulated wires of a single circuit associated together.

PE
Polyethylene - Can be used as an insulation or jacket material.

PLENUM
Air return path of a central air handling system, either ductwork or open space over a dropped ceiling.

PLENUM-RATED CABLES
Cables that are jacketed with a fire resistant plastic jacket of either a low-smoke PVC (polyvinyl chloride) or a FEP (fluorinated ethylene polymer).

POLYETHYLENE (PE)
a tough, light, flexible synthetic resin made by polymerizing ethylene.

PVC
Polyvinyl Chloride - Can be used as an insulation or jacket material.

QUAD
Is more common in coax cable as the amount of layers of shielding (four layers).

QC/QA
Quality Control/Quality Assurance.

RATED TEMPERATURE
Maximum temperature at which an electric component can operate for extended periods without loss of its basic properties.

RATED VOLTAGE
Maximum voltage allowed for the cable during normal operating conditions.

REEL
Flanged cylinder made of wood, metal or plastic that holds wire for process and shipping.

RESISTANCE (Ω)
In DC circuits, the opposition a material offers to current, measured in ohms. In AC circuits, resistance is the real component of impedance, and may be higher than the value measured at DC.

RG6 COAXIAL CABLE
RG6 is the recommended coaxial cable for distributing signals from cable TV, satellite dish or from a roof-top antenna.

RIPCORD
Material inlaid below jacket to easily split jacket without tools during installation.

RISER
Pathways for indoor cables that pass between floors. It is typically a vertical shaft or space. A riser cable rating indicates good flammability characteristics, but not necessarily low smoke or halogen free materials.

RJ45
Registered Jack type 45 (8P8C), typically used to terminate twisted pair cable.

RoHS
Restriction of the use of certain Hazardous Substances - European Union regulations set maximum concentration limits on hazardous materials

SELF-EXTINGUISHING
Characteristic of a material whose flame is extinguished after the igniting flame is removed.

SEMI-CONDUCTOR
A solid substance that has a conductivity between that of an insulator and that of most metals, either due to the addition of an impurity or because of temperature effects.

SHIELD COVERAGE
Amount of cable core surface area which is covered by a shield.

SHIELD EFFECTIVENESS
Relative ability of a shield to screen out undesirable signals or interference.

SOLID CONDUCTOR
Conductor that is made up of a single wire, less flexible than stranded conductors.

SPEC.
Abbreviation for product specifications.

STRANDED CONDUCTOR
Conductor composed of a group of wires, usually twisted, or of any combination of such groups of wires.

UNSHIELDED CABLE
Unshielded cable is appropriate where no noise is present, such as no crosstalk from adjacent wire. Twisted pairs, especially in data, are often unshielded.

WALL THICKNESS
Measurement of insulation or jacket material thickness.
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FLIP THE CATALOG FOR VERTICAL CONNECTIVITY
Welcome to Vertical Cable Plant

Schedule Your Private Factory Tour

Watch Video
Cabling Smarter with Vertical Cable

By providing a full package of products for the installation your customers can be assured that all of the products were specifically designed to work together seamlessly.

- CCTV
- FIRE ALARM
- CONTROL
- VIDEO AUDIO
- DATA
- PHONE INTERCOM
- SECURITY

Inserts, Inline Couplers, Coax Connectors, Wall Plates, Brackets, Junction Boxes
Patch Panels, Jacks, Plugs, Tools, Racks, Wall Mounts, Enclosures, Lockboxes
Network Cabinets, Ties, Velcro Tie Wraps, J-Hooks, Raceways, Wire Managers
## Vertical Cable

**Smart Choice for Smarter Home**

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Keystone Jacks ▶ CAT5E Jacks

**CAT5E V-Max Keystone Jacks**

Vertical Cable CAT5E Jacks are the perfect fit for computer network and Ethernet CAT5E modular connections. The jacks feature flexible tabs that snap in and out of patch panel, surface mount box and wall plate ports. Additionally, these jacks fit and work with the I-Punch tool. The tool terminates all conductors in one punch and saves the installer the lengthy process of individual wire termination.

**LIFETIME WARRANTY**

**Features:**
- UL Listed, ETL Listed, RoHS Compliant
- Color coded for 568A and 568B
- ANSI/TIA-568-C.2, FCC, 3P
- IDC 110 Contacts (Terminal Block)
- Category 5e UL Verified
- 8 Conductor nickel plated phosphor bronze contacts
- Narrow connectors allow high port density in small areas
- ANSI/TIA-568-C.2, FCC, 3P
- Color coded for 568A and 568B
- UL94V-0 Thermoplastic ABS Housing
- UL Listed, ETL Listed, RoHS Compliant

**Applications:**
- 10Base-T Ethernet
- 155/622 Mbps ATM
- 4/16 Mbps Token Ring
- 100/V-Any LAN

**Item #** | **Description**
--- | ---
351-V2612/AL | CAT5E V-Max, 8 Positions, 8 Conductors, Almond
351-V2601/AL/25 | CAT5E V-Max, 8 Positions, 8 Conductors, 25 Pieces, Almond
351-V2613/BK | CAT5E V-Max, 8 Positions, 8 Conductors, Black
351-V2602/BK/25 | CAT5E V-Max, 8 Positions, 8 Conductors, 25 Pieces, Black
351-V2614/BL | CAT5E V-Max, 8 Positions, 8 Conductors, Blue
351-V2603/BL/25 | CAT5E V-Max, 8 Positions, 8 Conductors, 25 pieces, Blue
351-V2615/GR | CAT5E V-Max, 8 Positions, 8 Conductors, Green
351-V2604/GR/25 | CAT5E V-Max, 8 Positions, 8 Conductors, 25 Pieces, Green
351-V2616/GY | CAT5E V-Max, 8 Positions, 8 Conductors, Gray
351-V2605/GY/25 | CAT5E V-Max, 8 Positions, 8 Conductors, 25 Pieces, Gray
351-V2617/IV | CAT5E V-Max, 8 Positions, 8 Conductors, Ivory
351-V2606/IV/25 | CAT5E V-Max, 8 Positions, 8 Conductors, 25 Pieces, Ivory
351-V2618/OR | CAT5E V-Max, 8 Positions, 8 Conductors, Orange
351-V2607/OR/25 | CAT5E V-Max, 8 Positions, 8 Conductors, 25 Pieces, Orange
351-V2619/PR | CAT5E V-Max, 8 Positions, 8 Conductors, Purple
351-V2608/PR/25 | CAT5E V-Max, 8 Positions, 8 Conductors, 25 Pieces, Purple
351-V2620/RD | CAT5E V-Max, 8 Positions, 8 Conductors, Red
351-V2609/RD/25 | CAT5E V-Max, 8 Positions, 8 Conductors, 25 Pieces, Red
351-V2621/WH | CAT5E V-Max, 8 Positions, 8 Conductors, White
351-V2610/WH/25 | CAT5E V-Max, 8 Positions, 8 Conductors, 25 pieces, White
351-V2622/YL | CAT5E V-Max, 8 Positions, 8 Conductors, Yellow
351-V2607/YL/25 | CAT5E V-Max, 8 Positions, 8 Conductors, 25 pieces, Yellow

**CAT5E Shielded Keystone Jack**

Vertical Cable CAT5E Shielded Jacks protect the cable connection from EMI. As do all Vertical Cable jacks, these Jacks feature flexible tabs that snap in and out of patch panel and wall plate ports. The IDCs are color coded with both wiring codes, A and B.

**Item #** | **Description**
--- | ---
301-J2630/5 | CAT5E Jack, Shielded, Data Grade, 90° Degree, 8x8 Conductors

**Features:**
- 360° Shielding Structure to prevent EMI
- 110/Krone Type Contacts (Terminal Block)
- Color Coded for 568A and 568B
- EIA/TIA-568A/B standards
- ANSI/TIA-568-C.2, ISO/IEC11801, ENS0173-1
- Thermostatic ABS Housing
- UL Listed, ETL Listed, RoHS Compliant
- 50 per bag

**Physical Specification**
- Dimension (mm): 19.75H x 17W x 31.1D
- Housing Material: Poly carbonate
- Housing & Cap Contact Material: 100μ Inch nickel plated over phosphor bronze
- 110/Krone Type Contacts: Minimum 250 re-terminations
- IDC Operating Life: Phosphor bronze, 50μ inch gold plating over nickel
- Jack Contact Operating Life: Minimum 750 insertions
- Jack Contact Life: Phosphor bronze, 23 to 26 AWG (solid)
- Shielded Cover: Minimum 50–60μ inch nickel plated over phosphor bronze

**Electrical**
- Dielectric Strength: 1000V RMS for 1min
- Insulation resistance: 10MΩ min
- Contact Resistance: 2mΩ per contact
- Temperature Range: -10°C to 60°C max
- Humidity: 10%–65% AN
Termination instructions for Shielded Keystone Jacks

1. Strip cable jacket about 2 inches and lay the conductors according to desired color map and terminate.
2. Wrap the drain wire around the jacket of the cable.
3. Make sure drain wire makes contact with the shield body when cover is installed and closed.
4. Use the zip tie and tighten and lock the cover to the housing.

With This Product You May Need:

- Punch-Down Tools
  - 078-1028
- 078-1025
- 078-1023

CAT3 V-Max Keystone Jacks

Vertical Cable CAT3 Keystone Jacks are the perfect fit for Modular connector and for voice grade structured cabling systems. These Jacks feature flexible tabs that allow them to be snapped in and out of blank patch panels and wall plate ports. As an added bonus, these jacks are designed to fit and work with our I-Punch tool. The tool terminates all conductors in one punch and saves the installer the lengthy process of individual wire termination. Save installation time by using the I-Punch tool together with the CAT3 Keystone Jacks.

LIFETIME WARRANTY

- Almond
- Ivory
- White

Applications:
- 10Base-T Ethernet
- 155/622 Mpbs ATM
- 4/16 Mbps Token Ring
- 100VG-Any LAN

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<tr>
<td>350-V2501/AL</td>
<td>CAT3 V-Max, 8 Positions, 6 Conductors, Almond</td>
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<td>350-V2506/IV</td>
<td>CAT3 V-Max, 8 Positions, 6 Conductors, Ivory</td>
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<tr>
<td>350-V2510/WH</td>
<td>CAT3 V-Max, Positions, 6 Conductors, White</td>
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</table>

Features:
- Category3 UL Verified
- 4 Conductor solder-plated phosphor bronze contacts
- 110-IDC Contacts (Terminal Block)
- Narrow connectors allow high port density in small areas
- UL94V-0 Thermoplastic ABS Housing
- UL Listed, ETL Listed, RoHS Compliant
- 50 per bag

PHYSICAL SPECIFICATIONS
- Dimension (mm) 19.75H x 17W x 31.1D
- Housing Materials
  - Housing: UL 94V-0 self extinguished plastic
  - IDC Housing: UL 94V-0 self extinguished plastic
- Contact Material
  - IDC 110 Contacts: Phosphor bronze, nickel plated
  - Nose Contacts: 50μ gold plating over nickel
- Operating Life: Minimum 750 insertions
- Compatibility: 22 to 26 AWG Solid

Termination instructions for Shielded Keystone Jacks

1. Strip cable jacket about 2 inches and lay the conductors according to desired color map and terminate.
2. Wrap the drain wire around the jacket of the cable.
3. Make sure drain wire makes contact with the shield body when cover is installed and closed.
4. Use the zip tie and tighten and lock the cover to the housing.

With This Product You May Need:

- Punch-Down Tools
  - 078-1028
- 078-1025
- 078-1023

CAT3 V-Max Keystone Jacks

Vertical Cable CAT3 Keystone Jacks are the perfect fit for Modular connector and for voice grade structured cabling systems. These Jacks feature flexible tabs that allow them to be snapped in and out of blank patch panels and wall plate ports. As an added bonus, these jacks are designed to fit and work with our I-Punch tool. The tool terminates all conductors in one punch and saves the installer the lengthy process of individual wire termination. Save installation time by using the I-Punch tool together with the CAT3 Keystone Jacks.

LIFETIME WARRANTY

- Almond
- Ivory
- White

Applications:
- 10Base-T Ethernet
- 155/622 Mpbs ATM
- 4/16 Mbps Token Ring
- 100VG-Any LAN

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<td>CAT3 V-Max, Positions, 6 Conductors, White</td>
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Features:
- Category3 UL Verified
- 4 Conductor solder-plated phosphor bronze contacts
- 110-IDC Contacts (Terminal Block)
- Narrow connectors allow high port density in small areas
- UL94V-0 Thermoplastic ABS Housing
- UL Listed, ETL Listed, RoHS Compliant
- 50 per bag

PHYSICAL SPECIFICATIONS
- Dimension (mm) 19.75H x 17W x 31.1D
- Housing Materials
  - Housing: UL 94V-0 self extinguished plastic
  - IDC Housing: UL 94V-0 self extinguished plastic
- Contact Material
  - IDC 110 Contacts: Phosphor bronze, nickel plated
  - Nose Contacts: 50μ gold plating over nickel
- Operating Life: Minimum 750 insertions
- Compatibility: 22 to 26 AWG Solid
Keystone Jacks ▶ CAT6 Jacks

CAT6 V-Max Keystone Jacks

CAT6 V-Max Jacks are also compatible with the Vertical Cable I-Punch tool hat saves installation time. These sturdy jacks hold well, and can be snapped in and out of multiple times.

LIFETIME WARRANTY

Item # Description
352-V2712/AL CAT6 V-Max, 8 Positions, 8 Conductors, Almond
352-V2701/AL/25 CAT6 V-Max, 8 Positions, 8 Conductors, 25 Pack, Almond
352-V2713/BL CAT6 V-Max, 8 Positions, 8 Conductors, Blue
352-V2703/BL/25 CAT6 V-Max, 8 Positions, 8 Conductors, 25 Pack, Blue
352-V2715/GR CAT6 V-Max, 8 Positions, 8 Conductors, Green
352-V2704/GR/25 CAT6 V-Max, 8 Positions, 8 Conductors, 25 Pack, Green
352-V2716/GY CAT6 V-Max, 8 Positions, 8 Conductors, Gray
352-V2706/GY/25 CAT6 V-Max, 8 Positions, 8 Conductors, 25 Pack, Gray
352-V2717/YL CAT6 V-Max, 8 Positions, 8 Conductors, Yellow
352-V2707/YL/25 CAT6 V-Max, 8 Positions, 8 Conductors, 25 Pack, Yellow
352-V2719/PR CAT6 V-Max, 8 Positions, 8 Conductors, Purple
352-V2708/PR/25 CAT6 V-Max, 8 Positions, 8 Conductors, 25 Pack, Purple
352-V2720/RD CAT6 V-Max, 8 Positions, 8 Conductors, Red
352-V2709/RED/25 CAT6 V-Max, 8 Positions, 8 Conductors, 25 Pack, Red
352-V2711/BK CAT6 V-Max, 8 Positions, 8 Conductors, Black
352-V2713/BK/25 CAT6 V-Max, 8 Positions, 8 Conductors, 25 Pack, Black
352-V2718/OR CAT6 V-Max, 8 Positions, 8 Conductors, Orange
352-V2707/OR/25 CAT6 V-Max, 8 Positions, 8 Conductors, 25 Pack, Orange
352-V2712/AL CAT6 V-Max, 8 Positions, 8 Conductors, Almond
352-V2711/AL/25 CAT6 V-Max, 8 Positions, 8 Conductors, 25 Pack, Almond

Features:
- Available in various colors for easy identification
- 8 Conductor solder-plated phosphor bronze 110-IDC contacts
- Narrow connectors allow high port density in small areas
- EIA/TIA 568A/B standard
- ANSI/TIA-568-C.2, ISO/IEC11801
- Thermoplastic ABS Housing
- UL Listed, ETL Listed, RoHS Compliant

Physical Specifications
- Dimension (mm) 19.75H x 17W x 31.1D
- Housing Materials: UL 94 V-0 self extinguished plastic
- IDC 110 Contacts: Phosphor bronze, nickel plated
- Nose Contacts: 50μ gold plating over nickel
- Operating Life: Minimum 750 insertions
- Contact Material: 100μ Inch nickel plated over phosphor bronze
- Compatiblity: 22 to 26 AWG Solid
- Cap: UL 94V-0 rated

Applications:
- 10Base-T Ethernet
- 155/622 Mbps ATM
- 4/16 Mbps Token Ring
- 100VG-Any LAN
- 1000V RMS for 1min
- 10mΩ min
- 2mΩ per contact
- -10°C to 60°C max
- 10%~65% AN

CAT6 Shielded Keystone Jack

Vertical Cable CAT6 Shielded Jacks deliver protection from EMI. These work flawlessly with CAT6 shielded cables in indoor applications. Both, A and B, wiring codes are printed on the IDCs.

Item # Description
302-J2631/S CAT6, Jack, Shielded, 90° Degree, 8x8 Conductors

Features:
- 360º Shielding Structure to prevent EMI
- 110/Krone Type Contacts (Terminal Block)
- Color Coded for 568A and 568B
- EIA/TIA 568A/B standards
- ANSI/TIA-568-C.2, ISO/IEC11801, ENS0173-1
- Thermoplastic ABS Housing
- UL Listed, ETL Listed, RoHS Compliant

Physical Specifications
- Dimension (mm) 19.35H x 21W x 46.83D
- Housing Material: Polycarbonate
- Housing & Cap Contact Material: 100μ Inch nickel plated over phosphor bronze
- IDC Operating Life: Minimum 250 re-terminations
- Jack Contact over nickel: Phosphor bronze, 50μ inch gold plating
- Jack Operating Life: Minimum 750 insertions
- Compatibility: 23 to 26 AWG (solid)
- Shielded Cover: 50~60μ inch nickel plated over phosphor bronze

Electrical
- Dielectric Strength: 1000V RMS for 1min
- Insulation resistance: 10mΩ min
- Contact Resistance: 2mΩ per contact
- Temperature Range: -10°C to 60°C max
- Humidity: 10%~65% AN
**CAT6A Shielded Keystone Jack**

Vertical Cable CAT6A Shielded Jacks offer the highest level of performance for modular connections. These work with CAT6A shielded cable, as well as lower category and unshielded cable. A and B wiring codes are stamped on the IDCs. The jacks have tough housings that snap in and out of keystone ports.

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<tr>
<td>303-J2637/C6AS</td>
<td>Category 6A Shielded Data Grade Keystone Jack 90° Degree 8x8 Conductors</td>
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</tbody>
</table>

Note: Shielded Jack is not compatible with I-Punch Tool

**Features:**
- 110/Krone Type IDC (Terminal Block)
- 360° Shielding Structure to prevent EMI
- TIA/EIA-568C.2, IEEE802.3an
- ISO/IEC11801, ENS0173-1 Class EA Specification
- Comply with CISPR/FCC Class A
- 3P Verified for 10G Cat6A
- Flame retardant rating: UL 94V-0
- ETL Listed, RoHS Compliant

**Physical Specifications**
- Dimension (mm): 19H x 21W x 38.1D
- Housing Material: Polycarbonate
- Contact Material: 100μ inch nickel plated over phosphor bronze
- IDC Operating Life: Minimum 250 re-terminations
- Jack Contact: Phosphor bronze, 50μ inch gold plating over nickel
- Jack Operating Life: Minimum 750 insertions
- Compatibility: 23 to 26 AWG (solid)
- Shielded Cover: 50~60μ inch nickel plated over phosphor bronze

**Electrical**
- Dielectric Strength: 1000V RMS for 1min
- Insulation resistance: 10MΩ min
- Contact Resistance: 2mΩ per contact
- Humidity: 10%~65% AN

**CAT6A V-Max Keystone Jacks**

Vertical Cable CAT6A Jacks are compatible with all our CAT6A cables. Additionally, all our CAT6A Jacks are compatible with the I-Punch tool.

**LIFETIME WARRANTY**

**Item #** | **Description** |
---|---|
353-V2812/C6AAL | CAT6A V-Max, 8 Positions, 8 Conductors, Almond |
353-V2813/C6ABK | CAT6A V-Max, 8 Positions, 8 Conductors, Black |
353-V2814/C6ABL | CAT6A V-Max, 8 Positions, 8 Conductors, Blue |
353-V2815/C6AGR | CAT6A V-Max, 8 Positions, 8 Conductors, Green |
353-V2816/C6AGY | CAT6A V-Max, 8 Positions, 8 Conductors, Gray |
353-V2817/C6AIV | CAT6A V-Max, 8 Positions, 8 Conductors, Ivory |
353-V2818/C6AOR | CAT6A V-Max, 8 Positions, 8 Conductors, Orange |
353-V2820/C6ARD | CAT6A V-Max, 8 Positions, 8 Conductors, Red |
353-V2821/C6AWH | CAT6A V-Max, 8 Positions, 8 Conductors, White |
353-V2822/C6AYL | CAT6A V-Max, 8 Positions, 8 Conductors, Yellow |

**Applications:**
- 10GBase-T Ethernet
- 1000Base-Tx Gigabit Ethernet
- 100Base-Tx Fast Ethernet

**Features:**
- 8 Conductor solder-plated phosphor bronze 110-IDC contacts
- Improved PCB Design and IDC Geometry provide superior performance
- TIA/EIA 568C.2, IEEE802.3an for 10GBase-T Requirements
- ISO 11801, EN 50173-1 Class EA Specification
- UL94V-0 Thermoplastic ABS Housing
- UL Listed, ETL Listed, RoHS Compliant

**Physical Specifications**
- Dimension (mm): 19.75H x 21W x 38.1D
- Housing Materials: High-Impact Thermoplastic (UL 94 V-0)
- Contact Material: 8 conductor solder-plated phosphor bronze 110-IDC contacts
- Improved PCB Design and IDC Geometry provide superior performance
- TIA/EIA 568C.2, IEEE802.3an for 10GBase-T Requirements
- ISO 11801, EN 50173-1 Class EA Specification
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- UL Listed, ETL Listed, RoHS Compliant

**Handheld Gripper**

**Notes:**
- 10GBase-T Ethernet
- 1000Base-Tx Gigabit Ethernet
- 100Base-Tx Fast Ethernet

**Intertek C US**

**Features:**
- 8 Conductor solder-plated phosphor bronze 110-IDC contacts
- Improved PCB Design and IDC Geometry provide superior performance
- TIA/EIA 568C.2, IEEE802.3an for 10GBase-T Requirements
- ISO 11801, EN 50173-1 Class EA Specification
- UL94V-0 Thermoplastic ABS Housing
- UL Listed, ETL Listed, RoHS Compliant

**Electrical**
- Dielectric Strength: 1000V RMS for 1min
- Insulation resistance: 10MΩ min
- Contact Resistance: 2mΩ per contact
- Humidity: 10%~65% AN

**Applications:**
- 10GBase-T Ethernet
- 1000Base-Tx Gigabit Ethernet
- 100Base-Tx Fast Ethernet

**Features:**
- 8 Conductor solder-plated phosphor bronze 110-IDC contacts
- Improved PCB Design and IDC Geometry provide superior performance
- TIA/EIA 568C.2, IEEE802.3an for 10GBase-T Requirements
- ISO 11801, EN 50173-1 Class EA Specification
- UL94V-0 Thermoplastic ABS Housing
- UL Listed, ETL Listed, RoHS Compliant
Modular Plugs: CAT3, CAT5E, CAT6, CAT6A

Designed for round solid, stranded, or shielded cable, Vertical Cable Modular Plugs fit into jacks and patch panels. These Plugs feature gold plated contacts, and fit Vertical Cable 015 and 016 Series RJ45 Slip on Boots.

**FOR CAT3**

- 009-007/64R-100: RJ11 Modular Plug
- 009-008/66R-100: RJ12 Modular Plug
- 009-1024/44R: RJ22 Modular Plug

**CAT5E**

- 011-016-100: For Round Solid / Stranded Cable
- 011-018EZF-100: Feed through
- 011-019EZF-100: Feed through Shielded
- 011-020-G-100: With ground wire hook Shielded
- 011-017-100: For Solid / Stranded Cable Shielded

**CAT6**

- 012-021-100: For Solid Cable (CAT6 and CAT6A)
- 012-022-100: For Solid / Stranded Cable
- 012-023/EZF-100: For Solid / Stranded Cable
- 012-019: For Solid / Stranded Cable Shielded

**CAT6A**

- 012-024/10G: CAT6A RJ45, Shielded, 10G Rated, Snap in Boot Type
- 012-025/EZF-100: CAT6A Easy Feed RJ45 Modular Plug for Unshielded Cable, 100pcs Pack

**Features:**

- Fast and easy to terminate
- Easier sequence verification
- 50 Micro-Inch Gold Plated Contacts
- Shielded for protection against EMI/RFI (shielded plugs)

- 012-024/10G:
  - RJ45 Full Shielded Connector
  - Meets ANSI/TIA 568C.2 Standards
  - Suitable for PoE + IEEE 802.3 af/at
  - TS66A & TS68B Color Codes
  - Quickly Easy Termination
  - Copper Tape & Strain Boot Included
  - Suitable for 10G Applications

**Compatible Crimper:** 078-1017

**Compatible with termination tools:** 078-1016 078-2152/EZC

**Compatible with:** 078-1016

**Tester for RJ11, RJ45:** 078-2149

**COMING SOON** We'll Have a Tool for This Feedthrough Shielded Plug 078-2154/EZC/S

**Compatible Crimper:** 078-1017

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>009-007/64R-100</td>
<td>CAT3 Plug, RJ11 Modular Plug</td>
</tr>
<tr>
<td>009-008/66R-100</td>
<td>CAT3 Plug, RJ12 Modular Plug</td>
</tr>
<tr>
<td>009-102444R-100</td>
<td>CAT3 Plug, RJ22 Modular Plug</td>
</tr>
<tr>
<td>011-016-100</td>
<td>CAT5E Plug, RJ45, 8P/8C, 3 Prong, for Round Solid/Stranded Cable, 100pcs Pack</td>
</tr>
<tr>
<td>011-017-100</td>
<td>CAT5E Shielded Plug, RJ45, 8P/8C, 3 Prong, for Round Solid/Stranded Cable, 100pcs Pack</td>
</tr>
<tr>
<td>011-018/EZF-100</td>
<td>CAT5E Easy Feed RJ45 Plug, 8P/8C, 3 prong, for Solid/Stranded Cable, 100pcs Pack</td>
</tr>
<tr>
<td>011-019/EZF-100</td>
<td>CAT5E Easy Feed RJ45 Shielded Plug, 8P/8C, 3 prong, for Solid/Stranded Cable, 100pcs Pack</td>
</tr>
<tr>
<td>011-020-G-100</td>
<td>CAT5E Shielded Plug W/Holder / Hook For Drain / Ground Wire, 100pcs Pack</td>
</tr>
<tr>
<td>012-021-100</td>
<td>CAT6 &amp; CAT6A Shielded Plug, RJ45, 8P/8C, 3 Prong, for Solid Cable, With Load Bar, 100pcs Pack</td>
</tr>
<tr>
<td>012-022-100</td>
<td>CAT6 RJ45 Modular Plug without load bar, 100pcs Pack</td>
</tr>
<tr>
<td>012-023/EZF-100</td>
<td>CAT6 Easy Feed RJ45 Plug, 8P/8C, 3 prong, for Solid/Stranded Cable, 100pcs Pack</td>
</tr>
<tr>
<td>012-024/10G</td>
<td>CAT6A RJ45, Shielded, 10G Rated, Snap in Boot Type</td>
</tr>
<tr>
<td>012-024-10G</td>
<td>CAT6A Easy Feed RJ45 Modular Plug for Shielded Cable, 100pcs Pack</td>
</tr>
<tr>
<td>012-025/EZF-100</td>
<td>CAT6A Easy Feed RJ45 Modular Plug for Unshielded Cable, 100pcs Pack</td>
</tr>
</tbody>
</table>
**Slip-On Boots**

**RJ45 Slip on Boots CAT5E/CAT6**

Vertical Cable PVC slip-on boots fit most CAT5E and CAT6 UTP bulk cable to provide strain relief and protects against snags for RJ45 plugs. Available in packs of 10.

**Why do you need Slip on Boots:**
- Protect the connector
- Relieve stress on cable
- Maintain radius bend
- Cover external ground on shielded connector
- Protects the connector from cable snags

**FACT from CAT**

The “RJ” in RJ45 stands for “registered jack,” since it is a standardized networking interface. The “45” simply refers to the number of the interface standard.

**Features:**
- 6.5mm PVC slip-on-boot
- Fits CAT3 UTP, CAT5E UTP, CAT5E F/UTP, CAT6 UTP cable
- Fits all vertical cable RJ45 plugs except the 012-021 (CAT6A Shielded Plug)
- Provides strain relief and protects RJ45 plugs from snags
- 10 per bag

### INTRODUCING NEW COLOR - VIOLET

**RJ45 Slip on Boots CAT6/CAT6A**

Vertical Cable PVC slip-on boots fit most CAT6 STP and CAT6A cable to provide strain relief and protect against snags for RJ45 plugs. Available in packs of 50.

**How do you need Slip on Boots:**
- Protect the connector
- Relieve stress on cable
- Maintain radius bend
- Protects the connector from cable snags

**Features:**
- 8.5mm PVC slip-on-boot
- Fits CAT6 F/UTP, CAT6A UTP, CAT6A F/UTP cable
- Fits all vertical cable RJ45 plugs
- Provides strain relief and protects RJ45 plugs from and snags
- 50 per bag
## RJ45 Inline Couplers

We offer couplers for all Category Cable, CAT5E, CAT6 and CAT6A. Whether the installation calls for Shielded or Unshielded, we have various options available. The shielded jacks will protect from excessive EMI.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>040-362/C5/S</td>
<td>CAT5E RJ45 Inline Coupler Extension, Shielded</td>
</tr>
<tr>
<td>040-364/C5/IV</td>
<td>CAT5E RJ45 Inline Coupler Extension, Ivory</td>
</tr>
<tr>
<td>040-366/C6/S</td>
<td>CAT6 RJ45 Inline Coupler Extension, Shielded</td>
</tr>
<tr>
<td>040-368/C6/IV</td>
<td>CAT6 RJ45 Inline Coupler Extension, Ivory</td>
</tr>
<tr>
<td>040-369/C6/WH</td>
<td>CAT6 RJ45 Inline Coupler Extension, White</td>
</tr>
<tr>
<td>040-370/C6A/S</td>
<td>CAT6A RJ45 Inline Coupler Extension, Shielded</td>
</tr>
</tbody>
</table>

**Features:**
- RJ45 Female to RJ45 Female In-line Coupler
- Available Shielded and Unshielded
- UL Listed, ETL Listed, RoHS Compliant

---

## RJ45 Outdoor Waterproof – Shielded Couplers

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>040-380/C5/OWP</td>
<td>CAT5E RJ45 Outdoor Waterproof – Shielded Coupler</td>
</tr>
<tr>
<td>040-381/C6/OWP</td>
<td>CAT6 RJ45 Outdoor Waterproof – Shielded Coupler</td>
</tr>
</tbody>
</table>

**Features:**
- Shielded RJ45 female to female coupler
- IP67 Rated - water and dust protection
- For harsh industrial or outdoor environments
- RoHS Compliant

---

## RJ45 Keystone Couplers

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>301-KCJ/BK</td>
<td>CAT5E Keystone Coupler, Black</td>
</tr>
<tr>
<td>301-KCJ/WH</td>
<td>CAT5E Keystone Coupler, White</td>
</tr>
<tr>
<td>301-KCJ/BL</td>
<td>CAT5E Keystone Coupler, Black</td>
</tr>
<tr>
<td>302-KCJ/BK</td>
<td>CAT6 Keystone Coupler, Blue</td>
</tr>
<tr>
<td>302-KCJ/WH</td>
<td>CAT6 Keystone Coupler, White</td>
</tr>
<tr>
<td>302-KCJ/BL</td>
<td>CAT6 Keystone Coupler, Blue</td>
</tr>
<tr>
<td>303-KCJ/S</td>
<td>CAT6A Keystone Coupler, Shielded</td>
</tr>
</tbody>
</table>

---

[Image of RJ45 Inline Couplers]

[Image of RJ45 Outdoor Waterproof – Shielded Couplers]

[Image of RJ45 Keystone Couplers]
Vertical Cable Junction Boxes are used to securely join two ethernet cables together. These boxes conceal the connection and deter tampering. The shielded Junction Box protects the connection from EMI heavy environments.

### CAT5E - Junction Boxes

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>040-371/C5J/WH</td>
<td>Cat5E Junction Box, White, 568A and 568B Standards, Compatible with 110 &amp; Krone Termination tools</td>
</tr>
<tr>
<td>040-373/C5J/S</td>
<td>Cat5E Shielded Junction Box, 568A and 568B Standards, Compatible with 110 &amp; Krone Termination tools</td>
</tr>
</tbody>
</table>

**Features:**
- Compatible with 110 and Krone Termination Tools
- Screws, adhesive tape included
- Fire Retardant
- High-impact ABS construction
- Suitable for 22-26AWG solid wire
- T568A and T568B color codes
- Shielded or Unshielded

### CAT6 - Junction Boxes

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>040-372/C6J/WH</td>
<td>Cat6 Junction Box, White, 568A and 568B Standards, Compatible with 110 &amp; Krone Termination tools</td>
</tr>
<tr>
<td>040-374/C6J/S</td>
<td>Cat6 Shielded Junction Box, 568A and 568B Standards, Compatible with 110 &amp; Krone Termination tools</td>
</tr>
</tbody>
</table>

**Features:**
-Compatible with 110 and Krone Termination Tools
- Screws, adhesive tape included
- Fire Retardant
- High-impact ABS construction
- Suitable for 22-26AWG solid wire
- T568A and T568B color codes
- Shielded or Unshielded

---

**FACT from CAT**

In case your cable is damaged, or you are looking for extension solutions.

Add the slip-on boots to your cable. Once an RJ45 modular plug has been crimped to a cable it cannot be temporarily removed, only cut off and replaced.

A crimping tool is used both to firmly attach the plug to the cable, and to make contact between the pins on the plug and the wires inside their colored shielding. Our 3 prong connectors fit both solid and stranded cables.
### Surface Mount Boxes - 1, 2, 4 and 6 Ports - Without Jack

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>039-356AL</td>
<td>1-Port, Surface Mount Box Without Jack, Universal, Almond</td>
</tr>
<tr>
<td>039-357IV</td>
<td>1-Port, Surface Mount Box Without Jack, Universal, Ivory</td>
</tr>
<tr>
<td>039-358WH</td>
<td>1-Port, Surface Mount Box Without Jack, Universal, White</td>
</tr>
<tr>
<td>039-359AL</td>
<td>2-Port, Surface Mount Box Without Jack, Universal, Almond</td>
</tr>
<tr>
<td>039-360IV</td>
<td>2-Port, Surface Mount Box Without Jack, Universal, Ivory</td>
</tr>
<tr>
<td>039-361WH</td>
<td>2-Port, Surface Mount Box Without Jack, Universal, White</td>
</tr>
<tr>
<td>039-362IV</td>
<td>4-Port, Surface Mount Box Without Jack, Universal, non-UL, Ivory</td>
</tr>
<tr>
<td>039-362WH</td>
<td>4-Port, Surface Mount Box Without Jack, Universal, non-UL, White</td>
</tr>
<tr>
<td>039-364IV</td>
<td>6-Port, Surface Mount Box Without Jack, Universal, non-UL, Ivory</td>
</tr>
<tr>
<td>039-365WH</td>
<td>6-Port, Surface Mount Box Without Jack, Universal, non-UL, White</td>
</tr>
</tbody>
</table>

**Features:**
- Universal Surface Mount Box
- 1, 2, 4, or 6-Port
- No jack inside
- Fits most standard keystone inserts
- Double sided tape, screws and cable ties included
- Two piece construction
- Available in almond, ivory or white
- UL Listed RoHS Compliant

**Includes:**
- Screws
- Double-sided padded adhesive tape
- Cable tie

**Easy to Install | Professional Look | Great Price & Quality**

Surface Mount Boxes are ideal for spaces where a wall plate doesn’t fit, or where punching a hole in the wall is not an option or impossible. The compact design of these quality surface mount boxes makes it not only easy to install but also allows space saving. Each mount box comes with screws, double-sided padded adhesive tape for hard or delicate surfaces, and a cable tie to help position the cable. Available in white, almond and ivory colors.
**Surface Mount Boxes - 1 and 2 Ports - With Jack**

Vertical Cable offers a variety of surface mount boxes, including with or without jack, shielded and unshielded. Surface Mount Boxes with a built-in jack are preconfigured to house CAT5E, CAT6 and CAT6A connections. Vertical Cable also offers Telephone Jack Boxes that comfortably accommodate telephone line connections. The surface mounts come with various ports and in two colors. They are c(UL) Listed.

### Features:
- High-impact ABS construction
- Screws, ties and double sided adhesive tape included
- Gloss finish
- 110/Krone type terminal blocks
- CAT6A Surface Mounts are shielded
- UL 94 V-0 Fire Retardant
- UL Listed

<table>
<thead>
<tr>
<th>Item #</th>
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</tr>
</thead>
<tbody>
<tr>
<td>038-351V</td>
<td>1-Port SMB with CAT5E Jack, Ivory</td>
</tr>
<tr>
<td>038-352WH</td>
<td>1-Port SMB with CAT5E Jack, White</td>
</tr>
<tr>
<td>038-354V</td>
<td>2-Port SMB with CAT5E Jack, Ivory</td>
</tr>
<tr>
<td>038-355WH</td>
<td>2-Port SMB with CAT5E Jack, White</td>
</tr>
<tr>
<td>038-356V</td>
<td>1-Port SMB with CAT6 Jack, Ivory</td>
</tr>
<tr>
<td>038-357WH</td>
<td>1-Port SMB with CAT6 Jack, White</td>
</tr>
<tr>
<td>038-358V</td>
<td>2-Port SMB with CAT6 Jack, Ivory</td>
</tr>
<tr>
<td>038-359WH</td>
<td>2-Port SMB with CAT6 Jack, White</td>
</tr>
<tr>
<td>038-C6A/1P/WH</td>
<td>1-Port SMB, Shielded with CAT6A Jack, White</td>
</tr>
<tr>
<td>038-C6A/2P/WH</td>
<td>2-Port SMB, Shielded with CAT6A Jack, White</td>
</tr>
</tbody>
</table>

**Related Products:**

- 093-695/1YL
- 076-1053/7WH
- 077-2089/14WH
- 302-KJC/BL
- 045-V12/8BK
Coax Connectors

Vertical Cable Coax Connectors are suitable for use with our Coaxial cables. Various options include: compression, crimping or twist-on type; brass or with plastic seal.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>083-1041/CP/S</td>
<td>F Male Connector, Compression Type for RG6, Standard Shielded, 50 per bag</td>
</tr>
<tr>
<td>083-1042/CP/Q</td>
<td>F Male Connector, Compression Type, for RG6 Quad Shielded, 100 per bag</td>
</tr>
<tr>
<td>083-1041/S</td>
<td>F Male Connector, Twist-On Type, for RG6 Standard Shielded, 100 per bag</td>
</tr>
<tr>
<td>083-1042/Q</td>
<td>F Male Connector, Twist-On Type, for RG6 Quad Shielded, 100 per bag</td>
</tr>
<tr>
<td>083-1041/PCP/S</td>
<td>Plenum F-Type Connector for RG6 Plenum Coax Cable</td>
</tr>
<tr>
<td>083-1042/PCP/Q</td>
<td>Plenum F-Type Connector for Quad Shield RG6 Plenum Cable</td>
</tr>
<tr>
<td>083-1040/CR/B</td>
<td>BNC Crimping Type Connector for RG59, 100 per bag</td>
</tr>
<tr>
<td>083-1045/PCPBNC</td>
<td>BNC Connector Compression Type for RG59 Plenum Coax Cable</td>
</tr>
<tr>
<td>083-1043/CP/BNC</td>
<td>BNC Compression Type Connector for RG59, 100 per bag</td>
</tr>
<tr>
<td>083-1044/CPRG11</td>
<td>Compression Type Connector for RG11 Dual and Quad Shield</td>
</tr>
</tbody>
</table>

**Features:**
- Compression, crimping or twist-on types available
- Crimping and Compression types work great with Vertical Cable Crimping and Compression Tools
- Twist-on type requires no tool

**FACT from CAT**

RG used to stand for "radio guide"

Plenum coax cables are much smaller in diameter and require a suitable smaller sized connector. Of course we have them!

**RG6 QUAD SHIELD vs. STANDARD SHIELD:**

- Quad Shield has more protection from outside interference
- Standard and Quad will last the same time - shielding does not determine the lifespan of the cable
Keystone Inserts & Coax Connectors

Keystone Inserts

Vertical Cable Keystone Inserts are suitable for use with Vertical Cable Audio and Coax cables. The inserts are nickel plated.

**Features:**
- Keystone inserts snap in and out of wallplates securely
- Nickel plating

**Item #** | **Description**
---|---
037-317AL | F Keystone Insert, Nickel Plated, Almond
037-318IV | F Keystone Insert, Nickel Plated, Ivory
037-319WH | F Keystone Insert, Nickel Plated, White
037-319WH/3G | F-81 Keystone Insert, Nickel Plated, 3Ghz Rated, Blue Insulator, White
037-320BK | F Keystone Insert, Nickel Plated, Black
037-325AL | Blank Keystone Insert, Almond
037-326V | Blank Keystone Insert, Ivory
037-327WH | Blank Keystone Insert, White
037-328BK | Blank Keystone Insert, Black

**Related Products:**
- 245-KJC/FF/180
- 302-KCJ/BK
- 303-KCJ/S
Large Variety of

Keystone Wall Plate

Wall Plate with ID Window

Decora Style Wall Plate

Stainless Steel Wall Plate
Wall Plates

HDMI & TV Wall Plates

Feedthrough Wall Plates

Keystone Wall Plates - 8 & 12 Port

Our Wall Plates are compatible with Standard Keystone Inserts.

Brackets & Surface Junction Boxes
Surface Junction Boxes & Brackets

Single Gang Junction Boxes

Vertical Cable Surface Junction Boxes are used to securely house cable and connections coming out of walls. A wall plate is typically mounted on top. Vertical Cable Brackets are used to create doorways in walls for cable and connections to come through.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>022-117WH/D</td>
<td>Single Gang Junction Box, White, 2.75(W)x4.5(H)x1.85(D)</td>
</tr>
<tr>
<td>022-118WH</td>
<td>Single Gang Junction Box, White, 2.75(W)x4.5(H)x1.5(D)</td>
</tr>
<tr>
<td>022-119IV</td>
<td>Single Gang Junction Box, Ivory, 2.75(W)x4.5(H)x1.5(D)</td>
</tr>
</tbody>
</table>

Single & Double Gang Dry Wall Brackets for US Type Face Plate

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>022-DWB/S</td>
<td>Single Gang Dry Wall Bracket for US Type Face Plate - Steel</td>
</tr>
<tr>
<td>022-DWB/1G</td>
<td>Single Gang Dry Wall Bracket for US Type Face Plate – Low Voltage Class 2</td>
</tr>
<tr>
<td>022-DWB/2G</td>
<td>Double Gang Dry Wall Bracket for US Type Face Plate – Low Voltage Class 2</td>
</tr>
<tr>
<td>022-MB/1G</td>
<td>Single Gang Mounting Bracket – Low Voltage</td>
</tr>
<tr>
<td>022-MB/2G</td>
<td>Double Gang Mounting Bracket – Low Voltage</td>
</tr>
</tbody>
</table>

Keystone Wall Plate, 0, 1, 2, 3, 4, 6-Port, Decora Style

- Compatible with standard keystone inserts
- High-impact ABS construction
- Smooth finish – 94 V-O Fire Retardant
- Single Gang – Decora Style
- Matching color mounting screws

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>308-603D/0P/WH</td>
<td>Keystone Wall Plate, 0-Port, Decora Style</td>
</tr>
<tr>
<td>308-607D/1P/WH</td>
<td>Keystone Wall Plate, 1-Port, Decora Style</td>
</tr>
<tr>
<td>308-611D/2P/WH</td>
<td>Keystone Wall Plate, 2-Port, Decora Style</td>
</tr>
<tr>
<td>308-615D/3P/WH</td>
<td>Keystone Wall Plate, 3-Port, Decora Style</td>
</tr>
<tr>
<td>308-619D/4P/WH</td>
<td>Keystone Wall Plate, 4-Port, Decora Style</td>
</tr>
<tr>
<td>308-623D/6P/WH</td>
<td>Keystone Wall Plate, 6-Port, Decora Style</td>
</tr>
</tbody>
</table>
Feedthrough Wall Plates, Single and Double Gang, Regular and Recessed

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>307-503F/1G/WH</td>
<td>Feedthrough Wall Plate, Single Gang</td>
<td>• High-impact ABS construction</td>
</tr>
<tr>
<td>307-507F/2G/WH</td>
<td>Feedthrough Wall Plate, Double Gang</td>
<td>• Comes with matching-color mounting screws</td>
</tr>
<tr>
<td>307-511R/1G/WH</td>
<td>Feedthrough Recessed Wall Plate, Single Gang</td>
<td>• Smooth finish</td>
</tr>
<tr>
<td>307-515R/2G/WH</td>
<td>Feedthrough Recessed Wall Plate, Double Gang</td>
<td></td>
</tr>
<tr>
<td>307-520B/1G/WH</td>
<td>Feedthrough Wall Plate Brush Type, Decora Style</td>
<td></td>
</tr>
</tbody>
</table>

Examples of Retail Packaging

Wall Plate, 0, 1, 2, 3, 4-Port, Stainless Steel

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>304-J2651/0P/S</td>
<td>Stainless Steel Wall Plate, 0 Port</td>
<td>• Standard size, Single Gang</td>
</tr>
<tr>
<td>304-J2652/1P/S</td>
<td>Stainless Steel Wall Plate, 1 Port</td>
<td>• Stainless steel finish with matching screws</td>
</tr>
<tr>
<td>304-J2653/2P/S</td>
<td>Stainless Steel Wall Plate, 2 Port</td>
<td>• Rounded edges resist dust accumulation</td>
</tr>
<tr>
<td>304-J2654/3P/S</td>
<td>Stainless Steel Wall Plate, 3 Port</td>
<td>• High-impact ABS construction</td>
</tr>
<tr>
<td>304-J2655/4P/S</td>
<td>Stainless Steel Wall Plate, 4 Port</td>
<td></td>
</tr>
</tbody>
</table>
Wall Plates ➤ Keystone Jack Wall Plates

Wall Plate With ID Window 1-6 Ports

Vertical Cable Keystone Wall Plates are designed to work with most Keystone Jacks and Inserts. Our Wall Plates are constructed from fire retardant plastic. They come in ivory and white with matching color screws.

<table>
<thead>
<tr>
<th>Item</th>
<th>Ivory</th>
<th>White</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Port</td>
<td>305-306ID/1P/IV</td>
<td>305-307ID/1P/WH</td>
</tr>
<tr>
<td>2 Port</td>
<td>305-310ID/2P/IV</td>
<td>305-311ID/2P/WH</td>
</tr>
<tr>
<td>3 Port</td>
<td>305-314ID/3P/IV</td>
<td>305-315ID/3P/WH</td>
</tr>
<tr>
<td>4 Port</td>
<td>305-318ID/4P/IV</td>
<td>305-319ID/4P/WH</td>
</tr>
<tr>
<td>6 Port</td>
<td>305-322ID/6P/IV</td>
<td>305-323ID/6P/WH</td>
</tr>
</tbody>
</table>

**Features:**
- High-impact ABS construction
- Comes with matching-color mounting screws
- Smooth finish
- Comes in various colors and ports

Wall Plates

Vertical Cable Keystone Wall Plates are designed to work with most Keystone Jacks and Inserts. Our Wall Plates are constructed from fire retardant plastic. They come in various colors with matching color screws.

<table>
<thead>
<tr>
<th>Item</th>
<th>Almond</th>
<th>Black</th>
<th>Ivory</th>
<th>White</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blank</td>
<td>304-J2626/0P/AL</td>
<td>-</td>
<td>304-J2629/0P/WH</td>
<td>304-J2630/0P/WH</td>
</tr>
<tr>
<td>1 Port</td>
<td>304-J2631/1P/AL</td>
<td>304-J2646/1P/BK</td>
<td>304-J2632/1P/IV</td>
<td>304-J2633/1P/WH</td>
</tr>
<tr>
<td>2 Port</td>
<td>304-J2634/2P/AL</td>
<td>304-J2647/2P/BK</td>
<td>304-J2635/2P/IV</td>
<td>304-J2636/2P/WH</td>
</tr>
<tr>
<td>3 Port</td>
<td>304-J2637/3P/AL</td>
<td>304-J2648/3P/BK</td>
<td>304-J2638/3P/IV</td>
<td>304-J2639/3P/WH</td>
</tr>
<tr>
<td>6 Port</td>
<td>304-J2643/6P/AL</td>
<td>-</td>
<td>304-J2644/6P/IV</td>
<td>304-J2645/6P/WH</td>
</tr>
<tr>
<td>8 Port</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>304-2803/8P/WH</td>
</tr>
<tr>
<td>12 Port</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>304-2806/12P/WH</td>
</tr>
</tbody>
</table>

**Features:**
- High-impact ABS construction
- Comes with matching-color mounting screws
- Smooth finish
- Comes in various colors and ports
Wall Plates

HDMI & TV Wall Plates

Large variety of HDMI Wall Plates are available. These wall plates feature ports for all types of signals: audio, video and HDMI. Vertical Cable provides practical, cost effective combinations to accommodate each specific installation.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>245-WP/1H/180</td>
<td>HDMI Wall Plate - 1 Port, 180°</td>
</tr>
<tr>
<td>245-WP/2H/180</td>
<td>HDMI Wall Plate - 2 Port, 180°</td>
</tr>
<tr>
<td>245-WP/2H/90</td>
<td>HDMI Wall Plate - 2 Port, 90°</td>
</tr>
<tr>
<td>245-WP/H1R</td>
<td>HDMI + 1XRCA Decora Wall Plate, Gold Plated, White</td>
</tr>
<tr>
<td>245-WP/H2R</td>
<td>HDMI + 2XRCA Decora Wall Plate, Gold Plated, White</td>
</tr>
<tr>
<td>245-WP/HF81</td>
<td>HDMI + F81 Decora Wall Plate, Gold Plated, White</td>
</tr>
<tr>
<td>028-WP/1XF81</td>
<td>TV Wall Plate with one F81 Connector</td>
</tr>
<tr>
<td>028-WP/2XF81</td>
<td>TV Wall Plate with two F81 Connectors</td>
</tr>
<tr>
<td>028-WP/1X81/3G</td>
<td>Nickel Wall Plate with one 3G F81 Connector</td>
</tr>
</tbody>
</table>

Features:
- HDMI, TV & Home Theater Wall Plates feature various connection combinations
- Female HDMI ports feature 180° or 90° HDMI coupler jacks

Wall Plates - RJ11 & RJ45 Flush Mount

Vertical Cable RJ11 & RJ45 Flush Mount Wall Plates are UL Listed constructed from fire retardant plastic. They come in various colors with matching color screws.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>028-045/4C/IV</td>
<td>RJ11 Wall Plate, 4 Conductor Jack, Ivory</td>
</tr>
<tr>
<td>028-046/4C/WH</td>
<td>RJ11 Wall Plate, 4 Conductor Jack, White</td>
</tr>
<tr>
<td>028-066/8C/IV</td>
<td>RJ45 Wall Plate, 8 Conductor Jack, Ivory</td>
</tr>
<tr>
<td>028-067/8C/WH</td>
<td>RJ45 Wall Plate, 8 Conductor Jack, White</td>
</tr>
</tbody>
</table>

Features:
- RJ11 (4 Conductor) or RJ45 (8 Conductor)
- High-impact ABS construction
- Comes with matching-color mounting screws
- Smooth finish
- Available in white and ivory
- RoHS Compliant
- 25 per bag
Cable Management ▶ Surface Raceway Accessories

Surface Raceway Accessories

<table>
<thead>
<tr>
<th>Item</th>
<th>Office White</th>
<th>Ivory</th>
</tr>
</thead>
<tbody>
<tr>
<td>Splice Cover</td>
<td>045-TSR1FW-14</td>
<td>045-TSR1-14</td>
</tr>
<tr>
<td>Tee</td>
<td>045-TSR1FW-21-1</td>
<td>045-TSR1-21-1</td>
</tr>
<tr>
<td>Elbow</td>
<td>045-TSR1FW-25-1</td>
<td>045-TSR1-25-1</td>
</tr>
<tr>
<td>External Corner</td>
<td>045-TSR1FW-29-1</td>
<td>045-TSR1-29-1</td>
</tr>
<tr>
<td>Internal Corner</td>
<td>045-TSR1FW-33-1</td>
<td>045-TSR1-33-1</td>
</tr>
<tr>
<td>End Cap</td>
<td>045-TSR1FW-36</td>
<td>045-TSR1-36</td>
</tr>
<tr>
<td>Ceiling Drop</td>
<td>045-TSR1FW-50</td>
<td>045-TSR1-50</td>
</tr>
<tr>
<td>1.25&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Splice Cover</td>
<td>045-TSR2FW-14</td>
<td>045-TSR2-14</td>
</tr>
<tr>
<td>Tee</td>
<td>045-TSR2FW-21-1</td>
<td>045-TSR2-21-1</td>
</tr>
<tr>
<td>Elbow</td>
<td>045-TSR2FW-25-1</td>
<td>045-TSR2-25-1</td>
</tr>
<tr>
<td>External Corner</td>
<td>045-TSR2FW-29-1</td>
<td>045-TSR2-29-1</td>
</tr>
<tr>
<td>Internal Corner</td>
<td>045-TSR2FW-33-1</td>
<td>045-TSR2-33-1</td>
</tr>
<tr>
<td>End Cap</td>
<td>045-TSR2FW-36</td>
<td>045-TSR2-36</td>
</tr>
<tr>
<td>Ceiling Drop</td>
<td>045-TSR2FW-50</td>
<td>045-TSR2-50</td>
</tr>
<tr>
<td>1.75&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Splice Cover</td>
<td>045-TSR3FW-14</td>
<td>045-TSR3-14</td>
</tr>
<tr>
<td>Tee</td>
<td>045-TSR3FW-21-1</td>
<td>045-TSR3-21-1</td>
</tr>
<tr>
<td>Elbow</td>
<td>045-TSR3FW-25-1</td>
<td>045-TSR3-25-1</td>
</tr>
<tr>
<td>External Corner</td>
<td>045-TSR3FW-29-1</td>
<td>045-TSR3-29-1</td>
</tr>
<tr>
<td>Internal Corner</td>
<td>045-TSR3FW-33-1</td>
<td>045-TSR3-33-1</td>
</tr>
<tr>
<td>End Cap</td>
<td>045-TSR3FW-36</td>
<td>045-TSR3-36</td>
</tr>
<tr>
<td>Ceiling Drop</td>
<td>045-TSR3FW-50</td>
<td>045-TSR3-50</td>
</tr>
</tbody>
</table>

Features:
- Offers same features as raceways
- Available in both Ivory and Office White
- TIA/EIA compliant
- Various sections available
- UL Listed
Vertical Cable provides a complete line of fittings to manage connectivity requirements from the telecommunications room to the work area. Each size of raceway offers numerous fittings, offered in ivory or office white, including TIA/EIA compliant 1” bend radius accessories which help ensure consistent data transmission performance of Category-3, 5, 5E, 6 and 6A communications systems.

**Surface Raceway Accessories**

<table>
<thead>
<tr>
<th>Item</th>
<th>Office White</th>
<th>Ivory</th>
</tr>
</thead>
<tbody>
<tr>
<td>6ft Raceway (.75&quot;)</td>
<td>045-TSR1FW-6A</td>
<td>045-TSR1I-6A</td>
</tr>
<tr>
<td>6ft Raceway (1.25&quot;)</td>
<td>045-TSR2FW-6A</td>
<td>045-TSR2I-6A</td>
</tr>
<tr>
<td>6ft Raceway (1.75&quot;)</td>
<td>045-TSR3FW-6A</td>
<td>045-TSR3I-6A</td>
</tr>
</tbody>
</table>

**Low Voltage Surface Raceway**

Vertical Cable Low Voltage Surface Raceway (TSR) is a one piece, non-metallic, adhesive backed latching raceway designed to aesthetically organize and route communications wires including high speed UTP cable and fiber optic cable from the telecommunications room to the work area.

**Features:**

- Tamper resistant, the cover’s self-locking, hidden positive latch permits quick re-entry as well as providing a secure installation of premise wire.
- Manufactured from UL 94V-0 rated PVC material
- Fittings incorporate a minimum 1” bend radius per TIA/EIA 568-B and 569-A standards.
- Rubber-based foam tape adhesive with high ultimate bond strength conforms to any surface.
- Flexible hinge allows the raceway to endure numerous openings without creating discoloration or stress cracking.
- Junction boxes can be used with this raceway for electrical or data outlets
- Measuring 6ft in length
- UL Listed
Velcro Cable Ties

Velcro Cable Ties are the perfect solution for organizing. The cable ties are not permanent and can be readjusted multiple times. Cut these cable ties to length. The velcro spans the whole length of the cable tie, so it can be secured as loose or as tight as the installation requires.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>045-V12/75BK</td>
<td>1/2” Width Velcro Roll, 75 Foot, Black</td>
</tr>
<tr>
<td>045-V12/75BL</td>
<td>1/2” Width Velcro Roll, 75 Foot, Blue</td>
</tr>
<tr>
<td>045-V12/75WH</td>
<td>1/2” Width Velcro Roll, 75 Foot, White</td>
</tr>
<tr>
<td>045-V34/75BK</td>
<td>3/4” Width Velcro Roll, 75 Foot, Black</td>
</tr>
<tr>
<td>045-V34/75BL</td>
<td>3/4” Width Velcro Roll, 75 Foot, Blue</td>
</tr>
<tr>
<td>045-V34/75WH</td>
<td>3/4” Width Velcro Roll, 75 Foot, White</td>
</tr>
</tbody>
</table>

Features:
- The double sided Velcro Tie Wraps feature full surface-area velcro coverage
- Perfect for mounting, organizing & identification applications
- Reuse and readjust the Velcro Tie Wrap multiple times
- Cut to any length
- Sticky and durable
- 75 foot roll

Velcro Cable Ties

Velcro Cable Ties are the perfect solution for organizing and mounting cable. The cable ties can be readjusted multiple times. The Vertical Cable Velcro Ties feature a special loop that easily secures to the opposite end. No need to cut these cable ties. The velcro spans the whole length of the cable tie, so it can be as loose or as tight as the installation requires.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>045-V12/12BK</td>
<td>12” Velcro Cable Ties, 50 Pack</td>
</tr>
<tr>
<td>045-V12/8BK</td>
<td>8” Velcro Cable Ties, 50 Pack</td>
</tr>
</tbody>
</table>

Features:
- The double sided Velcro Tie Wraps feature full surface-area velcro coverage
- No clipping is necessary, in contrast to the traditional tie wrap
- Reuse and readjust the Velcro Tie Wrap multiple times
- Perfect for mounting, organizing & identification applications
- Sticks well and durable
- 50 strips per bag
Vertical Cable offers many options of cable ties and tensile string whether the application demands mounting, releasable.

Screw Mount Cable Ties

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>045-CT/50/BBK</td>
<td>8” Screw Mount Cable Ties, 50lb, Black, c(UL) Listed, 100 Pack</td>
</tr>
<tr>
<td>045-CT/50/BNT</td>
<td>8” Screw Mount Cable Ties, 50lb, Natural, c(UL) Listed, 100 Pack</td>
</tr>
<tr>
<td>045-CT/50/12BK</td>
<td>12” Screw Mount Cable Ties, 50lb, Black, c(UL) Listed, 100 Pack</td>
</tr>
<tr>
<td>045-CT/50/12NT</td>
<td>12” Screw Mount Cable Ties, 50lb, Natural, c(UL) Listed, 100 Pack</td>
</tr>
</tbody>
</table>

Features:
- 8” and 12” 50lb tensile rating
- Screw type mounting style
- UL Listed, RoHS Compliant
- 100 per bag

Cable ties were first invented by Maurus C. Logan from Thomas & Betts, an electrical company, in 1958 under the brand name Ty-Rap. Initially they were designed for airplane wire harnesses.

Standard Cable Ties

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>045-CT/50/BBK</td>
<td>8” Cable Ties, Black, Standard, 50lb, c(UL) Listed, 100 Pack</td>
</tr>
<tr>
<td>045-CT/50/BNT</td>
<td>8” Cable Ties, Natural, Standard, 50lb, c(UL) Listed, 100 Pack</td>
</tr>
<tr>
<td>045-CT/50/12BK</td>
<td>12” Cable Ties, Black, Standard, 50lb, c(UL) Listed, 100 Pack</td>
</tr>
<tr>
<td>045-CT/50/12NT</td>
<td>12” Cable Ties, Natural, Standard, 50lb, c(UL) Listed, 100 Pack</td>
</tr>
<tr>
<td>045-CT/50/15BK</td>
<td>15” Cable Ties, Black, Standard, 50lb, c(UL) Listed, 100 Pack</td>
</tr>
<tr>
<td>045-CT/50/15NT</td>
<td>15” Cable Ties, Natural, Standard, 50lb, c(UL) Listed, 100 Pack</td>
</tr>
<tr>
<td>045-T502C2UL</td>
<td>8” Cable Ties, Red, Plenum, 50lb, c(UL), 100 Pack</td>
</tr>
<tr>
<td>045-CTP/M50/8BK</td>
<td>8” Screw Mount Cable Ties, 50lb, Black, c(UL), 100 Pack</td>
</tr>
<tr>
<td>045-CTP/M50/8NT</td>
<td>8” Screw Mount Cable Ties, 50lb, Natural, c(UL), 100 Pack</td>
</tr>
<tr>
<td>045-CTP/M50/12BK</td>
<td>12” Screw Mount Cable Ties, 50lb, Black, c(UL), 100 Pack</td>
</tr>
<tr>
<td>045-CTP/M50/12NT</td>
<td>12” Screw Mount Cable Ties, 50lb, Natural, c(UL), 100 Pack</td>
</tr>
<tr>
<td>045-CTP/M50/15BK</td>
<td>15” Screw Mount Cable Ties, 50lb, Black, c(UL), 100 Pack</td>
</tr>
<tr>
<td>045-CTP/M50/15NT</td>
<td>15” Screw Mount Cable Ties, 50lb, Natural, c(UL), 100 Pack</td>
</tr>
</tbody>
</table>

Features:
- 8”, 12” and 15” - 50lb tensile rating
- Standard or Plenum
- UL Listed, RoHS Compliant
- 100 per bag

Mounting Bases

Vertical Cable’s 4-way mounting base accommodates the 045-Series Cable Ties. Insertion of the ties can be made from all four sides. Each mount is secured with a rubber-based adhesive back. These mounting bases are used in conjunction with cable ties to stabilize and secure wiring bundles, both indoors and outdoors.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>045-MB/11/BK</td>
<td>Adhesive Mounting Base, 100 Pack, for 18 to 50lb Cable Ties, Black</td>
</tr>
<tr>
<td>045-MB/11/NT</td>
<td>Adhesive Mounting Base, 100 Pack, for 18 to 50lb Cable Ties, Natural</td>
</tr>
<tr>
<td>045-MB/5/11/BK</td>
<td>Screw Mounting Base, 100 Pack, for 18 to 50lb Cable Ties, Black</td>
</tr>
<tr>
<td>045-MB/5/11/NT</td>
<td>Screw Mounting Base, 100 Pack, for 18 to 50lb Cable Ties, Natural</td>
</tr>
</tbody>
</table>

Features:
- Material: Polyamide 6.6 (PA66)
- Operating Temperature: -40°F +185°F (-40°C+85°C) continuous
- Flammability: UL94 V2
- Color: Natural, Black
- 100 per bag
Cable Management

J-Hooks

J-Hooks are used to support and organize bundles of cable. Vertical Cable offers wall mount J-Hooks as well as bat wing J-Hooks. Bat winged J-Hooks are attached to vertical steel rods and hold together cable spanning across a room.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>048-121/34</td>
<td>J-Hook, 3/4” Galvanized Steel, Holds up to 20 4-pair CAT5E or 10 4-pair CAT6</td>
</tr>
<tr>
<td>048-122/20</td>
<td>J-Hook, 2” Galvanized Steel, Holds up to 80 4-pair CAT5E or 50 4-pair CAT6</td>
</tr>
<tr>
<td>048-123/40</td>
<td>J-Hook, 4” Galvanized Steel. Holds up to 300 4-pair CAT5E or 185 4-pair CAT6</td>
</tr>
<tr>
<td>048-124/34W14</td>
<td>J-Hook, 3/4” Galvanized Steel, with #12 Wing for 1/4” Rod</td>
</tr>
<tr>
<td>048-125/16W14</td>
<td>J-Hook, 1 5/16” Galvanized Steel, with #12 Wing for 1/4” Rod</td>
</tr>
<tr>
<td>048-126/16W38</td>
<td>J-Hook, 1 5/16” Galvanized Steel, with Wing for 3/8” Rod</td>
</tr>
<tr>
<td>048-127/20W14</td>
<td>J-Hook, 2” Galvanized Steel, with #12 Wing for 1/4” Rod</td>
</tr>
<tr>
<td>048-128/20W38</td>
<td>J-Hook, 2” Galvanized Steel, with Wing for 3/8” Rod</td>
</tr>
</tbody>
</table>

Features:
- Galvanized steel, Rust resistant zinc coating
- Hooks available with wing, which mounts on vertically spanning steel rods
- Winged Hooks feature cable retainer pin
- Wing attachments mount on 1/4” or 3/8” rods

J hooks are an inexpensive alternative to cable trays. And can be attached to a wide variety of structures using beam clamps.
Cable Management ▶ D Rings

Distribution D Rings

Distribution D Rings are used to provide support to multiple vertical or horizontal cable runs. The smooth rounded surface prevents cables from being damaged.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>048-200/0200</td>
<td>Distribution D Ring, 2&quot;, Aluminum, Holds up to 75 CAT5E Cables</td>
</tr>
<tr>
<td>048-201/0300</td>
<td>Distribution D Ring, 3&quot;, Aluminum, Holds up to 150 CAT5E Cables</td>
</tr>
<tr>
<td>048-203/0500</td>
<td>Distribution D Ring, 5&quot;, Aluminum, Holds up to 250 CAT5E Cables</td>
</tr>
<tr>
<td>048-204/0800</td>
<td>Distribution D Ring, 8&quot;, Aluminum, Holds up to 425 CAT5E Cables</td>
</tr>
</tbody>
</table>

Features:
- Aluminum
- Available in multiple sizes
- Used to provide support to vertical and horizontal cable runs
20U and 45U Vertical Wire Manager

Vertical Cable offers a full Vertical Wire Manager compatible with our 2 or 4 Post Rack. It is composed of full height wire managing sections that help installers systematically organize cable. The material is great quality, heavy duty.

**Features:**
- Steel frame design for strength and rigidity
- Highly functional and stylish
- Static resistant powder coat finish
- Mounts on either side of the Rack

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>047-WVM-4510</td>
<td>Metal Single Sided 45U, Vertical Wire Manager</td>
</tr>
<tr>
<td>047-WVM-2010</td>
<td>Metal Single Sided 20U, Vertical Wire Manager</td>
</tr>
</tbody>
</table>

**Attached to Rack View**

**Mounted on Either Side of the Rack**

Compatible with 047-WOS Series only. Not compatible with the 047-WPR-0207
45U Vertical Wire Manager

**Attached to Rack View**

**Double Sided**

**Single Sided**

Universal Mounts (standard EIA - 310)
Simply screw to place on rack.

**TWO SECTIONS**

Two 22.5U Stackable Sections

**Features:**
- Made of high quality plastic
- Removable cover for easy access
- Flexible fingers for easy cable feed
- Mounts on either side of a rack (L/R)
- Compatible with most relay racks
- One unit includes two sections (2X 22.5U)
- Couple both sections together to get 45U or use one section with a 20U relay rack
- Includes 4 screws and 2 metal ears and hardware to be installed between two racks (universal fit)

**Height**
- Single Sided: 40-6/16”
- Double Sided: 40-6/16”

**Width**
- Single Sided: 5”
- Double Sided: 5”

**Depth**
- Single Sided: 6-5/16”
- Double Sided: 12”

**Item #**
- 047-VMF-4501: 45U, Vertical Wire Manager - Single Sided
- 047-VMF-4502: 45U, Vertical Wire Manager - Double Sided

**Compatible with Vertical Cable Relay Racks:**
- 047-WPR-0207, 047-WOS-0220, 047-WOS-0245, 047-WOS-0445

**We have all these products :-)**

**047-WMF-4502**
Plastic Single & Double Sided

**Works with both 047-WOS Series and 047-WPR-0207**
In addition to the Vertical Wire Manager, Vertical Cable is proud to offer a variety of Horizontal Wire Managers, both in 1U and 2U. The organizers feature different sorting styles and come at various price points.

### 1U, 2U Horizontal Wire Manager Closed Design

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Height</th>
<th>Width</th>
<th>Depth</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>044-2393/DC/1U</td>
<td>1U, Horizontal Wire Manager - Closed Design</td>
<td>3.5&quot;</td>
<td>19&quot;</td>
<td>3&quot;</td>
<td>2 LBS</td>
</tr>
<tr>
<td>044-2394/DC/2U</td>
<td>2U, Horizontal Wire Manager - Closed Design</td>
<td>3.5&quot;</td>
<td>19&quot;</td>
<td>3&quot;</td>
<td>2 LBS</td>
</tr>
</tbody>
</table>

**Features:**
- Durable black powder coated finish (metal)
- Metal Cover
- Features a closed design that covers the cable
- Convenient universal mounting
- Mounts on any standard 19" rack or wall mount

### 1U, 2U Horizontal Wire Manager Double Sided

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Height</th>
<th>Width</th>
<th>Depth</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>044-2391/DS/1U</td>
<td>1U, Horizontal Wire Manager - Double Sided</td>
<td>1.75&quot;</td>
<td>19&quot;</td>
<td>4&quot;</td>
<td>1.5 LBS</td>
</tr>
<tr>
<td>044-2392/DS/2U</td>
<td>2U, Horizontal Wire Manager - Double Sided</td>
<td>3&quot;</td>
<td>19&quot;</td>
<td>6&quot;</td>
<td>3 LBS</td>
</tr>
</tbody>
</table>

**Features:**
- Fits standard 19" Racks or Wall Mounts
- 1U & 2U, spans 2 standard rack holes (3.50")
- Steel Main Mount
- Plastic Wire Management Fingers
- Plastic Covers
- Comes with 4 M6 screws (cage nuts not included)
### 1U, 2U Patch Panel Support Bracket

The Vertical Cable Patch Panel Support Bracket is perfect for providing additional weight support for 24 & 48 port patch panels. Vertical Cable’s Support Bracket has a durable black powder coated finish, and has marked cable numbering.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>QR Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>044-2396/1U</td>
<td>1U, Patch Panel Support Bracket - 24 Port Patch Panel</td>
<td><img src="qr-code-1U" alt="QR Code" /></td>
</tr>
<tr>
<td>044-2397/2U</td>
<td>2U, Patch Panel Support Bracket - For 48 Port Patch Panel</td>
<td><img src="qr-code-2U" alt="QR Code" /></td>
</tr>
</tbody>
</table>

**Features:**
- Has a durable black powder coated finish
- Fits Vertical Cable patch panels
- Durable steel

### 1U, 2U Wall Mount Brackets

Comes with mounting screws

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>QR Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>046-388/S</td>
<td>1U Mounting Bracket</td>
<td><img src="qr-code-1U" alt="QR Code" /></td>
</tr>
<tr>
<td>046-389/S</td>
<td>2U Mounting Bracket</td>
<td><img src="qr-code-2U" alt="QR Code" /></td>
</tr>
</tbody>
</table>

### Screws, Washers & Cage Nuts

We recommend stocking up with Vertical Cable Screws, Cage Nuts, and Washers (pack of 50). These can be used with our Racks, Enclosures or Wall Mounts.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>047-WSN-0050</td>
<td>50 M6 Screws, 50 Washers &amp; 50 Nuts Length 12mm (0.47 inches)</td>
</tr>
<tr>
<td>047-WSN-0600</td>
<td>50 #12-24 US Style Screws &amp; Washers Length 16mm (0.62 inches)</td>
</tr>
<tr>
<td>047-WSN-0070</td>
<td>50 #10-32 US Style Screws &amp; Washers Length 20mm (0.75 inches)</td>
</tr>
</tbody>
</table>

**Features:**
- Shorter and thicker comparing to 047-WSN-0600
- Longer and thinner comparing to 047-WSN-0050
- Longer and thinner comparing to 047-WSN-0070

### 1U, 19” Power Strip with Circuit Breaker

Mounts on any standard 19” rack or wall mount
- 8 Way
- Comes with screws and washers
- 15A, 125V
- Protective switch cover

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>047-WPS-2000</td>
<td>1U, 19” Power Strip with Circuit Breaker</td>
</tr>
</tbody>
</table>
**Blank Patch Panels: V-Type with Cable Manager**

These Vertical Cable Blank Patch Panels come with a handy Support Bracket. Cable can be secured to the support bracket with cable ties to eliminate the strain on the connection. Just as versatile as the regular blank patch panels, these can fit any Vertical Cable keystone insert. They mount on any standard 19” rack.

### Features:
- Constructed from heavy-duty 16-gauge steel and UL94-V-0 high-impact, fire-retardant material
- Sturdy Cable Manager attaches to Patch Panel
- Accepts either 10/24 or 12/32 screws
- Durable black powder coat finish
- Universal 19” mounting for either left or right hinging and easy panel access
- Convenient wall mounting features
- Screws and ties included

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>043-383/A/24</td>
<td>Blank Patch Panel, V-Type, 24 Port, Black</td>
</tr>
<tr>
<td>043-384/A/48</td>
<td>Blank Patch Panel, V-Type, 48 Port, Black</td>
</tr>
</tbody>
</table>

**Blank Patch Panels with Support Bracket: 1U and 2U**

High density

These Vertical Cable Blank Patch Panels come with a handy Support Bracket. Cable can be secured to the support bracket with cable ties to eliminate the strain on the connection. Just as versatile as the regular blank patch panels, these can fit any Vertical Cable keystone insert. They mount on any standard 19” rack.

### Features:
- Constructed from heavy-duty 16-gauge steel and UL94-V-0 high-impact, fire-retardant material
- Sturdy Cable Manager attaches to Patch Panel
- Accepts either 10/24 or 12/32 screws
- Durable black powder coat finish
- Universal 19” mounting for either left or right hinging and easy panel access
- Convenient wall mounting features
- Screws and ties included

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>043-382/24/1U</td>
<td>Blank Patch Panel, with Cable Manager, 1U, 24 Port, Black</td>
</tr>
<tr>
<td>043-384/48/2U</td>
<td>Blank Patch Panel, with Cable Manager, 2U, 48 Port, Black</td>
</tr>
</tbody>
</table>
Blank Patch Panels with Support Bracket: 1U and 2U
For Shielded Keystone Jacks (ground wire included)

Vertical Cable Blank Patch Panels offers the versatility of use with shielded type jack. Made from impact-resistant heavy duty steel, they are built to last. 19” standard rack mountable.

Features:
- Constructed from heavy-duty 16-gauge steel and UL94-V-0 high-impact, fire-retardant material.
- Supports cable, and prevents strain on the connection.
- Works with 4”, 6”, 8” Vertical Cable cable ties.
- Accepts either 10/24 or 12/32 screws.
- Sturdy Cable manager clips into the blank Patch Panel.
- For Shielded Jacks, Ground Wire included.
- Durable black powder coat finish.
- Bezels, Jacks or Inserts not included.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>043-378/S/24/1U</td>
<td>Black Patch Panel, 24 Port, Shielded</td>
</tr>
<tr>
<td>043-379/S/48/2U</td>
<td>Black Patch Panel, 48 Port, Shielded</td>
</tr>
</tbody>
</table>
Blank Patch Panels in 12, 24, and 48 Port

Vertical Cable Blank Patch Panels offer the versatility of use with any keystone type insert. Made from impact-resistant heavy duty steel, they are built to last. 19" standard rack mountable.

### Features:
- Constructed from heavy-duty 16-gauge steel and UL94-V-0 high-impact, fire-retardant material
- Accepts either 10/24 or 12/32 screws
- Durable black powder coat finish
- Universal 19" mounting for either left or right hinging and easy panel access
- Allowing convenient wall mounting of patch panels
- Bezels, Jacks, Inserts not included

#### Item # | Description
--- | ---
043-380/12 | Blank Patch Panel, 12 Port, Black
043-382/24 | Blank Patch Panel, 24 Port, Black
043-384/48 | Blank Patch Panel, 48 Port, Black

### 1U, 2U Network Brush Panel

- Front View
- Back View

#### Features:
- High density nylon brush
- Improves cooling efficiency
- Reduce dust accumulation
- Sturdy steel construction
- 1U, 2U – 19" Rack Mount

#### Item # | Description
--- | ---
047-WBP-1000 | 1U Network Brush Panel, 19" Rack Mount
047-WBP-2000 | 2U Network Brush Panel, 19" Rack Mount

#### Similar Product:
307.520B/1G/WH

---

800.749.2447 951.696.7772 845.391.8318
verticalcable.com
Racks & Accessories  ▶ Panel Covers

Vertical Cable has both Vented and Non-Vented Panel Covers for standard 19” Racks, Wall Mounts, and Enclosures. These feature the same static-resistant black paint finish and are made of sturdy steel.

**1U, 2U, 3U, Vented Panel Cover/Filler 19” Rack Mountable**

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Height</th>
<th>Width</th>
<th>Depth</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>043-385/VT/1U</td>
<td>1U, Vented Panel Cover/Filler 19” Rack Mountable</td>
<td>1.3/4”</td>
<td>19”</td>
<td>0.5”</td>
<td>1 LBS</td>
</tr>
<tr>
<td>043-386/VT/2U</td>
<td>2U, Vented Panel Cover/Filler 19” Rack Mountable</td>
<td>3.5”</td>
<td>19”</td>
<td>0.5”</td>
<td>2 LBS</td>
</tr>
<tr>
<td>043-387/VT/3U</td>
<td>3U, Vented Panel Cover/Filler 19” Rack Mountable</td>
<td>5.1/4”</td>
<td>19”</td>
<td>0.5”</td>
<td>2 LBS</td>
</tr>
</tbody>
</table>

**Features:**
- Mounts on any standard 19” rack or wall mount
- Vented for visibility and air flow
- Constructed from 1.5mm steel
- Coated with a tough static resistant black paint finish
- Protects network elements, and allows for ventilation

**1U, 2U, 3U, 4U Panel Cover/Filler 19” Rack Mountable**

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Height</th>
<th>Width</th>
<th>Depth</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>043-385/1U</td>
<td>1U, Non-Vented Panel Cover/Filler 19” Rack Mountable</td>
<td>1.3/4”</td>
<td>19”</td>
<td>0.5”</td>
<td>1 LBS</td>
</tr>
<tr>
<td>043-386/2U</td>
<td>2U, Non-Vented Panel Cover/Filler 19” Rack Mountable</td>
<td>3.5”</td>
<td>19”</td>
<td>0.5”</td>
<td>2 LBS</td>
</tr>
<tr>
<td>043-387/3U</td>
<td>3U, Non-Vented Panel Cover/Filler 19” Rack Mountable</td>
<td>5.1/4”</td>
<td>19”</td>
<td>0.5”</td>
<td>2 LBS</td>
</tr>
<tr>
<td>043-388/4U</td>
<td>4U, Non-Vented Panel Cover/Filler 19” Rack Mountable</td>
<td>6.7/8”</td>
<td>19”</td>
<td>0.5”</td>
<td>2.4 LBS</td>
</tr>
</tbody>
</table>

**Features:**
- Mounts on any standard 19” rack or wall mount
- Non-vented heavy duty protection panels
- Constructed from 1.5mm steel
- Coated with a tough static resistant black paint finish
- Protects network elements, and provides clean, aesthetic look for the installation

**Hardware:**
- M6.0 4pcs
CAT5E Patch Panels in 12, 24, 48 & 96 Port

110 type termination; meets and exceeds CAT5E specifications

Vertical Cable Patch Panels comply with ANSI/TIA Category 5E performance requirements. Made with high impact plastic and rolled-edge steel. T568A & T568B wiring color schemes on the IDC, make installation easy. They feature writable and erasable marking surfaces for each port on the front panel for efficient system management.

**Features:**
- Made of sturdy, rolled-edge steel
- Fully enclosed design for protection of printed circuitry during termination
- T568A and T568B wiring color codes
- Mounts on any standard 19'' RMS (Rack Mount Standard) design rack or wall mount
- Comes with rack mounting screws and washers
- Contact blocks constructed from UL94-V-0 high-impact, fire-retardant ABS or PC material
- 110 type IDC
- Pair punch sequence enables a pair twist within 1/2” of termination
- Meets EIA-310-D specifications
- FCC Part 68, UL Listed, RoHS Compliant

---

**Item #** | **Description**
--- | ---
041-371/12 | CAT5E, 110-IDC Patch Panel, 12 Port, Black
041-372/24 | CAT5E, 110-IDC Patch Panel, 24 Port, Black
041-373/48 | CAT5E, 110-IDC Patch Panel, 48 Port, Black
041-375/96 | CAT5E, 110-IDC Patch Panel, 96 Port, Black

---

**Termination instructions - Shielded Patch Panels (CAT5E, CAT6)**

CAT5E: 24 Port (1U) 041-372/S/24 and 48 Port (1U) 041-373/S/48
CAT6: 24 Port (1U) 042-377/S/24 and 48 Port (1U) 042-378/S/48

1. Remove 2 ½ to 3 inches of the jacket from the cable. Be sure not to cut the drain wire.
2. Remove the bracket that holds the cable in place from the panel housing.
3. Set the cable jacket end as close to the termination block. Loop the drain wire around the cable at the point that the cable comes in contact with the bracket.
CAT5E Shielded Patch Panel, 24 & 48 Port
Krone type termination; meets and exceeds CAT5E specifications

Vertical Cable offers 19” rack mountable Shielded Patch Panels. These patch panels feature a Krone type termination in both CAT5E, CAT6 and CAT6A. They are made of high quality steel and coated with a tough black painted finish. The shielding is bronze with nickel plating for optimal EMI protection.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>041-372/S/24</td>
<td>CAT5E, Shielded Krone type Patch Panel, 24 Port, Black</td>
</tr>
<tr>
<td>041-373/S/48</td>
<td>CAT5E, Shielded Krone type Patch Panel, 48 Port, Black</td>
</tr>
</tbody>
</table>

**Features:**
- High Impact Patch Panel
- Tough Black Painted Finish
- Shielded to protect against EMI, RFI
- Number Labeled for Easy Identification
- 568A & 568B Wiring Color Codes
- Krone Type Termination
  (Krone Type Punch Tool Required)
- Mounts on any standard 19” rack or wall mount

**Making Termination Easier - Vertical Cable Technical Support**

4. Attach the bracket to the panel to hold the cable in place.
   Make sure the ground wire makes firm contact with the bracket and the panel surface.

5. Terminate conductors to desired color code (568A or 568B).
   Note: Krone tool blade needed for termination. Do not use 110 punch blade – this will damage the termination blocks.

6. Connect Ground wire to the panel and to the rack/grounding block.
Cat6 Patch Panels

Cat6 Patch Panels in 12, 24, 48 and 96 Port
110 type termination; meet and exceed Cat6 specifications

Vertical Cable Patch Panels comply with ANSI/TIA Category-6 performance requirements. Made with high impact plastic and rolled-edged steel. T568A & T568B wiring color schemes on the IDC, make installation easy. They feature writable and erasable marking surfaces for each port on the front panel for efficient system management.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Features:</th>
</tr>
</thead>
<tbody>
<tr>
<td>042-376/12</td>
<td>CAT6, 110-IDC Patch Panel, 12 Port, Black</td>
<td>• Flexible design (12 &amp; 24 ports for 1U, 48 ports for 2U, 96 ports for 4U)</td>
</tr>
<tr>
<td>042-377/24</td>
<td>CAT6, 110-IDC Patch Panel, 24 Port, Black</td>
<td>• Made of sturdy, rolled-edge steel</td>
</tr>
<tr>
<td>042-378/48</td>
<td>CAT6, 110-IDC Patch Panel, 48 Port, Black</td>
<td>• High-density 1U/2U/4U, 19&quot; RMS (Rack Mount Standard) design</td>
</tr>
<tr>
<td>042-379/96</td>
<td>CAT6, 110-IDC Patch Panel, 96 Port, Black</td>
<td>• Comes with rack mounting screws and washers</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Fully enclosed design for protection of printed circuitry during termination</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• T568A and T568B wiring color codes</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Contact blocks constructed from UL 94-V-0 high-impact, fire-retardant ABS or PC material</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Designed for maximum strength and compatible with all standard 110 installation tools</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Pair punch sequence enables a pair twist within 1/2&quot; of termination</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Beryllium copper contacts: 50μ gold-plated pins over 100μ nickel layer</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Insertion life cycle: 750 cycles (minimum) / I.D.C. 250 cycles (minimum)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Operating temperature: -40°C to +68°C</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Meets EIA-310-D specifications</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• FCC Part 68, UL Certified, RoHS Compliant</td>
</tr>
</tbody>
</table>

With This Product You May Need:

- Tie Wraps, Velcro Wraps
  045 Series

- Punch-Down Tool, Stripper
  078-1028, 078-1023

- Wall Mounts
  047-WFM, WFJ Series
CAT6 and CAT6A Shielded Patch Panel, 24 Port & 48 Port
Krone Type Termination | Meets and exceeds CAT6 & CAT6A specifications

**Features:**
- High Impact Patch Panel
- Tough Black Painted Finish
- Shielded to protect against EMI, RFI
- Number Labeled for Easy Identification
- 568A & 568B Wiring Color Codes
- Krone Type Termination
- Mounts on any standard 19" rack or wall mount
- Comes with M6 screws, mini tie wraps and a grounding wire
- UL Listed, RoHS Compliant

<table>
<thead>
<tr>
<th>Item #</th>
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</tr>
</thead>
<tbody>
<tr>
<td>042-377/S/24</td>
<td>CAT6, Shielded Krone type Patch Panel, 24 Port, Black</td>
</tr>
<tr>
<td>042-378/S/48</td>
<td>CAT6, Shielded Krone type Patch Panel, 48 Port, Black</td>
</tr>
<tr>
<td>042-C6A/24</td>
<td>CAT6A, Shielded 24 Port, Krone Type, Patch Panel</td>
</tr>
<tr>
<td>042-C6A/48</td>
<td>CAT6A, Shielded 48 Port, Krone Type, Patch Panel</td>
</tr>
</tbody>
</table>

CAT5E & CAT6, 12 Port Mini Patch Panel, With Support Bracket
110 type termination; meets and exceeds CAT5E & CAT6 specifications

Vertical Cable 12 Port Mini Patch Panels provide high performance in a versatile compact unit. They mount using the included Support Bracket saving valuable rack space. Jack adapter contacts feature 50 micro inch gold plated pins and termination contacts are steel plated with nickel for optimal performance. Compatible with standard 110 termination practices, CAT5E and CAT6 Patch Panels from Vertical Cable comply with ANSI/TIA standards. UL Listed.

**Features:**
- Space Saving Design
- Made of sturdy, rolled-edge steel
- Fully enclosed design for protection of printed circuitry during termination
- 568A and 568B wiring color codes
- Wall Mount Support Brackets Included
- Constructed from UL94-V-0 high-impact, fire-retardant ABS or PC material; High Impact
- Pair punch sequence enables a pair twist within 1/2" of termination
- 110 type IDC
- Beryllium copper contacts: 50μ gold-plated pins over 100μ nickel layer
- Insertion life cycle: 750 cycles (minimum)/IDC 250 cycles (minimum).
- Operating temperature: -40°C to +68°C.
- FCC Part 68, UL Listed, RoHS Compliant

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>041-370M</td>
<td>CAT5E, 110-IDC 12 Port Mini Patch Panel, W/Support Bracket, Black</td>
</tr>
<tr>
<td>042-2134</td>
<td>CAT6, 110-IDC 12 Port Mini Patch Panel, W/Support Bracket, Black</td>
</tr>
</tbody>
</table>
1U, 2U, 3U, 4U Vertical Wall Mount Rack / Bracket

Vertical Cable vertical wall mount racks/brackets offer a versatile storage solution, allowing equipment (Network devices, power strips, patch panels) to be mounted vertically, flush with the wall to save space.

Features:
- Aluminum Material.
- Mounts flush to wall & under desk.
- Pre drilled holes for #12-24 screws.
- 4 Screws and Washers Included.
- Highly functional and stylish, value packed and multiple-vendor compatibility.
- Compatible with 19” rack mountable equipment.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>047-WVR-1000</td>
<td>1U Vertical Wall Mount Rack / Bracket</td>
</tr>
<tr>
<td>047-WVR-2000</td>
<td>2U Vertical Wall Mount Rack / Bracket</td>
</tr>
<tr>
<td>047-WVR-3000</td>
<td>3U Vertical Wall Mount Rack / Bracket</td>
</tr>
<tr>
<td>047-WVR-4000</td>
<td>4U Vertical Wall Mount Rack / Bracket</td>
</tr>
</tbody>
</table>
Racks & Accessories  ▶ Wall Mount Brackets

1U, 2U and 4U Hinged Type, Adjustable Wall Mount Brackets
Vertical Cable’s Wall Mount Brackets accommodate all standard 19” units and accessories, such as patch panels. These Brackets are a great solution for small mounting installations where an entire rack is not necessary.

### Item # | Description |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>046-388/E</td>
<td>1U, Hinge Type Adjustable Wall Mount Bracket. 10” to 13” Adjustable Depth. Fits 12 &amp; 24 Port.</td>
</tr>
<tr>
<td>046-389/E</td>
<td>2U, Hinge Type Adjustable Wall Mount Bracket. 10” to 13” Adjustable Depth. Fits 48 Port.</td>
</tr>
<tr>
<td>046-390/E</td>
<td>4U, Hinge Type Adjustable Wall Mount Bracket. 10” to 13” Adjustable Depth. Fits 96 Port.</td>
</tr>
</tbody>
</table>

**Features:**
- Hinge Type Bracket
- Adjustable Depth 10” to 13”
- SPCC, 2.0mm Thickness (14AWG)
- Comes with screws

1U, 2U and 4U Hinged Type Wall Mount Brackets

### Item # | Description |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>046-388</td>
<td>1U, Hinged Type Wall Mount Bracket, 19” W x 1 3/4” H x 6”</td>
</tr>
<tr>
<td>046-389</td>
<td>2U, Hinged Type Wall Mount Bracket, 19” W x 3 1/2” H x 6”</td>
</tr>
<tr>
<td>046-390</td>
<td>4U, Hinged Type Wall Mount Bracket, 19” W x 5 1/4” H x 6”</td>
</tr>
<tr>
<td>046-388/S</td>
<td>1U Mounting Bracket</td>
</tr>
<tr>
<td>046-389/S</td>
<td>2U Mounting Bracket</td>
</tr>
</tbody>
</table>

**Features:**
- Made of heavy duty steel
- Coated with a tough static resistant black paint finish
- Various styles to suit various applications
- 046-388/5 & 046-389/5 come with 2 mounting screws
- 046-388, 046-389, 046-390 come with M4 screws
Open Racks, Wall Mounts, Cabinets, Enclosures & More

Open Wall Mounts
047-WFJ

Open Wall Mounts - Fixed, Adjustable
047-WFM

DVR Boxes
047-DVR

Mounting Bracket
047-DVR-H

Wall Mount Enclosures
047-WWM

Network Cabinets
047-NCA

Network Server Cabinet
047-SRD

Screws - 047-WSN-0050
Comes unassembled
Easy assembly

Ships Fully Assembled
DVR Boxes do not include Mounting Brackets

Screws - 047-WSN-0050
Ships Fully Assembled

Glass front door
Compatible Screws: 047-WSN-0050 (included)
Ships Fully Assembled

Mesh front doors
Compatible Screws: 047-WSN-0050 (included)
Ships Fully Assembled

depth 24”
depth 31.5”
2 Post Rack

- 047-WOS
- 047-WPR

4 Post Rack

- 047-WOS
- 047-WVM
- 047-VMF

Open Wall Mounts - Front Swing Out

- 047-WSG

Open Wall Mounts - Front Swing Out, Adjustable

- 047-WSM

Wall Mount Enclosures - Swing Out

- 047-WHS

Home Network enclosure

- 049-ENC

High Quality

Metal & Durability,

Easy Assembly
Open Rack Enclosures

Vertical Cable’s sturdy 2 or 4 Post Racks are made of hard impact aluminum. The Racks are compatible with all standard 19” units and accessories. The rack posts are pre drilled for #12-24 screws, and marked in unit increments.

**Item #** | **Description** | **Features**
--- | --- | ---
047-WOS-0220 | 20U, 2 post, 19” Open Rack, Black, Aluminum Frame | - Multiple-vendor equipment compatibility
 | | - Aluminum frame design for strength and rigidity, marked in unit increments
 | | - Static resistant powder coat finish
 | | - Pre drilled holes for #12-24 screws (WOS Series), and #10-32 screws (WPR)

**047-WPR-0207** | Replacement for 047-WOS-0245 | 4 Post, 45U
--- | --- | ---
Height | 84” | 45U, 2 post, 19” Open Rack, Black, Aluminum Frame - Made in USA
Width | 20.25” | Height | 84”
Base Dim. | 15”x20.25” | Width | 20”
Weight | 28 LBS | Depth | 24-36”
Capacity | 1200 LBS | Weight | 61 LBS
Capacity | 1322 LBS | **047-WOS-0445** | 4 Post, 45U
--- | --- | ---
Height | 84” | 4 Post, 19” Open Rack, Black, Aluminum Frame
Width | 20” | Side View
Base Dim. | 14”x20.27” | Adjustable depth
Weight | 61 LBS | 20”-36”
Capacity | 1322 LBS | 20”-36”

**Comes unassembled**
**Easy assembly**
*Made in USA*
**Racks & Accessories**

**Wall Mounts**

**6U, 8U, 9U, 12U, 16U, 20U Wall Mount Open Frame Rack**

Vertical Cable’s collection of Open Wall Mounts offers the largest variety of customization options for the installer. These Wall Mounts come in different heights, and are compatible with all standard 19” units and accessories.

### Item # | Description
--- | ---
047-WFJ-0653 | 6U Wall Mount Open Frame Rack
047-WFJ-0853 | 8U Wall Mount Open Frame Rack
047-WFJ-0953 | 9U Wall Mount Open Frame Rack
047-WFJ-1253 | 12U Wall Mount Open Frame Rack
047-WFJ-1653 | 16U Wall Mount Open Frame Rack
047-WFJ-2053 | 20U Wall Mount Open Frame Rack

### Features:
- Multiple-vendor equipment compatibility
- Steel frame open wall mount with M6 screws and cage nuts
- Static resistant powder coat finish
- Ships unassembled with hardware included
- Up to 66 LBS Capacity

### Specifications:

<table>
<thead>
<tr>
<th>Height</th>
<th>Width</th>
<th>Depth</th>
<th>Weight</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>6U</td>
<td>14.25”</td>
<td>20”</td>
<td>18”</td>
<td>12.7 LBS</td>
</tr>
<tr>
<td>8U</td>
<td>17.75”</td>
<td>20”</td>
<td>18”</td>
<td>13.2 LBS</td>
</tr>
<tr>
<td>9U</td>
<td>19.50”</td>
<td>20”</td>
<td>18”</td>
<td>13.4 LBS</td>
</tr>
<tr>
<td>12U</td>
<td>24.75”</td>
<td>20”</td>
<td>18”</td>
<td>14.5 LBS</td>
</tr>
<tr>
<td>16U</td>
<td>31.75”</td>
<td>20”</td>
<td>18”</td>
<td>15.6 LBS</td>
</tr>
<tr>
<td>20U</td>
<td>38.80”</td>
<td>20”</td>
<td>18”</td>
<td>16.9 LBS</td>
</tr>
</tbody>
</table>

Comes unassembled
Easy assembly
047-WSN-0050 are included
## 6U, 8U, 9U, 12U, 16U, 20U Wall Mount Open Fixed - Adjustable

Vertical Cable’s collection of Open Wall Mounts offers the largest variety of customization options for the installer. Not only do these Wall Mounts come in different heights, but they can also be adjusted from 18” to 30” in depth. This feature adds a significant amount of ease and convenience for managing cable. The Wall Mounts are compatible with all standard 19” units and accessories.

### Features:
- Multiple-vendor equipment compatibility
- Steel frame open wall mount with M6 screws and cage nuts
- Static resistant powder coat finish
- Ships unassembled with hardware included

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Mounting Width for all WFM’s 19”</th>
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<tbody>
<tr>
<td>047-WFM-0626</td>
<td>6U Wall Mount Open Fixed</td>
<td></td>
</tr>
<tr>
<td>047-WFM-0826</td>
<td>8U Wall Mount Open Fixed</td>
<td></td>
</tr>
<tr>
<td>047-WFM-0926</td>
<td>9U Wall Mount Open Fixed</td>
<td></td>
</tr>
<tr>
<td>047-WFM-1226</td>
<td>12U Wall Mount Open Fixed</td>
<td></td>
</tr>
<tr>
<td>047-WFM-1626</td>
<td>16U Wall Mount Open Fixed</td>
<td></td>
</tr>
<tr>
<td>047-WFM-2026</td>
<td>20U Wall Mount Open Fixed</td>
<td></td>
</tr>
</tbody>
</table>

### Wall Mounts

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Height</th>
<th>Width</th>
<th>Depth</th>
<th>Weight</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>047-WFM-0626</td>
<td>6U Wall Mount Open Fixed</td>
<td>14.25”</td>
<td>20”</td>
<td>18”-30”</td>
<td>17.6 LBS</td>
<td>33 LBS</td>
</tr>
<tr>
<td>047-WFM-0826</td>
<td>8U Wall Mount Open Fixed</td>
<td>17.75”</td>
<td>20”</td>
<td>18”-30”</td>
<td>22 LBS</td>
<td>44 LBS</td>
</tr>
<tr>
<td>047-WFM-0926</td>
<td>9U Wall Mount Open Fixed</td>
<td>19.50”</td>
<td>20”</td>
<td>18”-30”</td>
<td>22.7 LBS</td>
<td>55 LBS</td>
</tr>
<tr>
<td>047-WFM-1226</td>
<td>12U Wall Mount Open Fixed</td>
<td>24.75”</td>
<td>20”</td>
<td>18”-30”</td>
<td>23.1 LBS</td>
<td>66 LBS</td>
</tr>
<tr>
<td>047-WFM-1626</td>
<td>16U Wall Mount Open Fixed</td>
<td>31.75”</td>
<td>20”</td>
<td>18”-30”</td>
<td>24.9 LBS</td>
<td>66 LBS</td>
</tr>
<tr>
<td>047-WFM-2026</td>
<td>20U Wall Mount Open Fixed</td>
<td>38.80”</td>
<td>20”</td>
<td>18”-30”</td>
<td>25.8 LBS</td>
<td>77 LBS</td>
</tr>
</tbody>
</table>

047-WSN-0050 are included
Open Frame Wall Mount Racks by Vertical Cable

Perfect from every angle

047-WFM Series

Featuring adjustable depth from 18” to 30”
Available in 6U, 8U, 9U, 12U, 16U, 20U

Modern, sleek design, high quality steel
19” EIA rack mount compliant

Take a closer look
Racks & Accessories  ▶ Wall Mounts

6U, 8U, 9U, 12U, 16U, 20U Wall Mount Open Rack - Swing Out

In addition to the regular Wall Mounts, Vertical Cable also offers the Swing Out option. This Wall Mount features an open steel door that hinges on the main rack. The Wall Mounts are compatible with all standard 19” units and accessories.

**Features:**
- Swing out door can be mounted from left or right.
- Steel frame open wall mount with pre-drilled holes for #12-24 screws.
- Up to 88 LBS Capacity.

**Mounting Width**
for all WSG’s 19”

**Item #** | **Description** | **Height** | **Width** | **Depth** | **Weight** | **Capacity**
--- | --- | --- | --- | --- | --- | ---
047-WSG-0654 | 6U Wall Mount Open Rack - Swing Out | 15.20” | 20.65” | 18” | 26 LBS | 88 LBS
047-WSG-0854 | 8U Wall Mount Open Rack - Swing Out | 18.20” | 20.65” | 18” | 19.50 LBS | 66 LBS
047-WSG-0954 | 9U Wall Mount Open Rack - Swing Out | 20.50” | 20.65” | 17.8” | 17.6 LBS | 55 LBS
047-WSG-1254 | 12U Wall Mount Open Rack - Swing Out | 25.70” | 20.65” | 18” | 19.8 LBS | 66 LBS
047-WSG-1654 | 16U Wall Mount Open Rack - Swing Out | 32.70” | 20.65” | 18” | 22 LBS | 77 LBS
047-WSG-2054 | 20U Wall Mount Open Rack - Swing Out | 39.75” | 20.65” | 18” | 56 LBS | 88 LBS
Racks & Accessories  ▶ Wall Mounts

6U, 8U, 9U, 12U, 16U, 20U Wall Mount Open Rack - Swing Out Adjustable

In addition to the regular Wall Mounts, Vertical Cable also offers the Swing Out option. This Wall Mount features an open steel door that hinges on the main rack. Just like the regular Wall Mount it features an adjustable depth from 18” to 30”. This feature adds a significant amount of flexibility and convenience for mounting equipment. The Wall Mounts are compatible with all standard 19” units and accessories.

<table>
<thead>
<tr>
<th>Height</th>
<th>Width</th>
<th>Depth</th>
<th>Weight</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>15.5&quot;</td>
<td>21.65&quot;</td>
<td>18-30&quot;</td>
<td>25 LBS</td>
<td>26.5 LBS</td>
</tr>
<tr>
<td>19&quot;</td>
<td>21.5&quot;</td>
<td>18-30&quot;</td>
<td>27 LBS</td>
<td>26.5 LBS</td>
</tr>
<tr>
<td>20.8&quot;</td>
<td>21.5&quot;</td>
<td>18-30&quot;</td>
<td>27.5 LBS</td>
<td>33 LBS</td>
</tr>
<tr>
<td>27.8&quot;</td>
<td>21.5&quot;</td>
<td>18-30&quot;</td>
<td>29 LBS</td>
<td>33 LBS</td>
</tr>
<tr>
<td>34.8&quot;</td>
<td>21.65&quot;</td>
<td>18-30&quot;</td>
<td>31.9 LBS</td>
<td>44 LBS</td>
</tr>
<tr>
<td>41.8&quot;</td>
<td>21.5&quot;</td>
<td>18-30&quot;</td>
<td>32.6 LBS</td>
<td>44 LBS</td>
</tr>
</tbody>
</table>

### Item # Description
- 047-WSM-0626 6U Wall Mount Open Rack - Swing Out
- 047-WSM-0826 8U Wall Mount Open Rack - Swing Out
- 047-WSM-0926 9U Wall Mount Open Rack - Swing Out
- 047-WSM-1226 12U Wall Mount Open Rack - Swing Out
- 047-WSM-1626 16U Wall Mount Open Rack - Swing Out
- 047-WSM-2026 20U Wall Mount Open Rack - Swing Out

#### Features:
- Swing out door can be mounted from left or right
- Steel frame open wall mount with M6 screws and cage nuts
- Featuring adjustable depth from 18” to 30”
- Mounting Width 19”

Mounting Width for all WSM’s 19”

Comes unassembled

Easy assembly
Racks & Accessories  ➤ DVR Lockbox  ➤ DVR Mounting Bracket

Vertical Cable DVR Lockbox, provides an all-in-one solution for securely storing and cooling your security digital video recorder (DVR) to protect it from damage, tampering or theft.

15”, 18”, 21”, 24” DVR Lockbox

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>047-DVR-1515</td>
<td>15 Inch DVR Security Lockbox (15&quot; depth)</td>
</tr>
<tr>
<td>047-DVR-1818</td>
<td>18 Inch DVR Security Lockbox (18&quot; depth)</td>
</tr>
<tr>
<td>047-DVR-2121</td>
<td>21 Inch DVR Security Lockbox (21&quot; depth)</td>
</tr>
<tr>
<td>047-DVR-2124</td>
<td>21 Inch DVR Security Lockbox (24&quot; depth)</td>
</tr>
</tbody>
</table>

Features:
- Heavy duty steel
- Cooling fan included
- Locking front panel

Horizontal DVR Mounting Bracket

The Vertical Cable DVR Mounting Brackets are designed to mount DVR security boxes to the wall in out of reach areas for better protection. This bracket is a perfect match for all Vertical Cable’s DVR Lockboxes.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>047-DVR-H</td>
<td>Horizontal DVR Mounting Bracket</td>
</tr>
</tbody>
</table>

Features:
- Black powder coated finish
- Includes mounting hardware
Racks & Accessories  ▶ Wall Mounts

6U, 9U, 12U Wall Mount Enclosure - Side Panel Access

The 047-WWM Series Wall Mount is a complete enclosure featuring a glass cover, locks, shelves, and a fan. This wall mount safely protects its contents (audio/video equipment, supplies, electronics, cables, connections). This enclosure is also compatible with any standard 19" patch panel.

### Features:

- Structural integrity, cooling, and cable management all in one
- Install a wide variety of shelving accessories and products with ease
- Ideal for rack mounted servers and storage products, audio/video equipment
- Side Panels open for easy access to equipment

### Item # Description

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>047-WWM-0660</td>
<td>6U Wall Mount Enclosure Side Access</td>
</tr>
<tr>
<td>047-WWM-0960</td>
<td>9U Wall Mount Enclosure Side Access</td>
</tr>
<tr>
<td>047-WWM-1260</td>
<td>12U Wall Mount Enclosure Side Access</td>
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</table>

### Specifications:

<table>
<thead>
<tr>
<th>Height</th>
<th>Width</th>
<th>Depth</th>
<th>Mounting Depth</th>
<th>Weight</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>6U: 14.57”</td>
<td>23.62”</td>
<td>17.72”</td>
<td>15.7”</td>
<td>32 LBS</td>
<td>132 LBS</td>
</tr>
<tr>
<td>9U: 19.69”</td>
<td>23.62”</td>
<td>17.72”</td>
<td>15.7”</td>
<td>40 LBS</td>
<td>132 LBS</td>
</tr>
<tr>
<td>12U: 25”</td>
<td>23.62”</td>
<td>17.72”</td>
<td>15.7”</td>
<td>53 LBS</td>
<td>132 LBS</td>
</tr>
</tbody>
</table>

Ships Fully Assembled
Racks & Accessories  ➤ Wall Mounts

12U, 20U Wall Mount Enclosure - Swing Out

The Vertical Cable Wall Mount Enclosure - Swing Out, features a sturdy back frame that mounts to the wall. The rest of the Wall Mount can hinge away from the wall; making it even more versatile. The glass protects the contents (audio/video equipment, servers, cables, connections) from any outside damage. The locks and keys provide safety and security.

Features:
- Steel Wall Mount Enclosure
- Dust protective glass front door with safety lock for convenience & protection
- Sturdy opening & locking door
- Features a thick steel wall mounting frame that hinges to the back of main enclosure.
- Releases for a swing out.
- Cooling fan and power supply built in.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Height</th>
<th>Width</th>
<th>Depth</th>
<th>Weight</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>047-WHS-1260</td>
<td>12U Wall Mount Swing out Enclosure, 24&quot; Deep</td>
<td>25&quot;</td>
<td>24&quot;</td>
<td>24&quot;</td>
<td>61.7 LBS</td>
<td>132 LBS</td>
</tr>
<tr>
<td>047-WHS-1270</td>
<td>15U Wall Mount Swing out Enclosure, 24&quot; Deep</td>
<td>25&quot;</td>
<td>24&quot;</td>
<td>31&quot;</td>
<td>63 LBS</td>
<td>132 LBS</td>
</tr>
<tr>
<td>047-WHS-2060</td>
<td>20U Wall Mount Swing out Enclosure, 24&quot; Deep</td>
<td>30&quot;</td>
<td>24&quot;</td>
<td>24&quot;</td>
<td>70.5 LBS</td>
<td>132 LBS</td>
</tr>
<tr>
<td>047-WHS-2070</td>
<td>20U Wall Mount Swing out Enclosure, 31&quot; Deep</td>
<td>30&quot;</td>
<td>24&quot;</td>
<td>31&quot;</td>
<td>81.5 LBS</td>
<td>132 LBS</td>
</tr>
<tr>
<td>047-WHS-1260</td>
<td>15U Wall Mount Swing out Enclosure, 24&quot; Deep</td>
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<td>24&quot;</td>
<td>24&quot;</td>
<td>61.7 LBS</td>
<td>132 LBS</td>
</tr>
<tr>
<td>047-WHS-1270</td>
<td>20U Wall Mount Swing out Enclosure, 31&quot; Deep</td>
<td>30&quot;</td>
<td>24&quot;</td>
<td>31&quot;</td>
<td>63 LBS</td>
<td>132 LBS</td>
</tr>
</tbody>
</table>

Usable space

Ships Fully Assembled

047-WSN-0050 screws included
15U Wall Mount Swing Out Enclosure

Compare the depths:

- 047-WHS-1270, 1570, 2070 - 31”
- 047-WHS-1260, 1560, 2060 - 24”

Easily removable front door & side panels
Rear swing out allows easy access to rear
Dust protective glass
Cooling fan included

NEW
Racks & Accessories

Network Cabinet

The 047-NCA Series Network Cabinet is a complete enclosure featuring a tempered glass front door, locks, removable side access panels, and a cooling fan. The Vertical Cable Network Cabinet is great for storing network equipment and accessories such as routers, switches, displays, and patch panels. This enclosure meets EIA 19” standards for rack equipment.

Network Server Cabinet

The 047-SRD Series Network Server Cabinet is a complete enclosure featuring vented front and rear doors, locks, removable side access panels, and a cooling fan. The Vertical Cable Network Server Cabinet is great for storing network equipment and accessories such as routers, switches, displays, and servers. This enclosure has anti-vibration, shockproof, dustproof, and other features to ensure equipment work stably and reliably. This enclosure meets EIA 19” standards for rack equipment.

---

Item #  Description
047-NCA-2766  27U Rack Space Network Cabinet
047-NCA-3766  37U Rack Space Network Cabinet

Features:
- Caster wheels and supporting feet installed for stability
- Vented sections on top and bottom
- Easily removable side panels
- Ships fully assembled

---

Item #  Description
047-SRD-3768  37U Rack Space Network Server Cabinet

Features:
- Caster wheels and supporting feet installed for stability
- Vented sections on top and bottom
- Easily removable side panels
- Ships fully assembled

---

Watch the video on verticalcable.com
Racks & Accessories  ► Network Enclosure

Home Network Enclosure
The Vertical Cable Home Network Enclosure is a perfect multi-purpose cabinet for organized wiring, controls, and peripherals. This box may be flush or surface mounted.

Please check availability

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>049-ENC/28</td>
<td>28” Home Network Enclosure</td>
</tr>
<tr>
<td>049-ENC/42</td>
<td>42” Home Network Enclosure</td>
</tr>
</tbody>
</table>

**Features:**
- Enclosures simplify running cable and managing media equipment
- Provide a more cost-effective means to protecting your Datacom/Telecom network
- Designed to be a central distribution point for all your home or small office systems
- Enclosure accommodates networking, fax, Internet, DSL and cable

Available in 27U, 37U rack space
19” standard rack

Available in two sizes: 28” & 42”
For networking, fax, Internet, DSL, cable...
Racks & Accessories

1U, 2U & 3U 19” Single-Sided Vented Shelf

Vertical Cable offers a wide range of non-sliding shelves. They all can be center mounted in any Vertical Cable Racks, Wall Mounts, and Enclosures. Available in various heights. The 1U, 2U and 3U Vented Shelves are light but solid. Vertical Cable also offers an Adjustable Depth Shelf that extends up to 42”. This shelf gives the installer flexibility and accommodates for future installation add-ons.

**Features:**
- 1 piece 19’’ Vented Single-Sided Shelves
- Mounts on any standard 19'' rack or wall mount
- Perfect for server and network usage
- Comes with screws, washers and cage nuts
- Loading Capacity up to 37lbs

---

1U, 2U, 3U 19” Single-Sided Non-Vented Shelf

Vertical Cable offers a wide range of non-sliding shelves. They all can be center mounted in any Vertical Cable Racks, Wall Mounts, and Enclosures. Available in various heights. The 1U, 2U and 3U Vented Shelves are light but solid. Vertical Cable also offers an Adjustable Depth Shelf that extends up to 42”. This shelf gives the installer flexibility and accommodates for future installation add-ons.

**Features:**
- 1 piece 19’’ Non-Vented Shelves
- Mounts on any standard 19'' rack or wall mount
- Made from 1.5mm EG Steel
- Comes with 8 sets of M6 Washers/Screws/Cage Nuts
- Loading Capacity up to 44lbs
- Suitable for network electronics/components; Perfect for server installations

---

2U 19” Heavy Duty Adjustable Shelf

**Features:**
- Heavy duty adjustable shelf mounts on any standard 4-post 19” rack
- Made from 1.5mm EG Steel
- Comes with 16 sets of M6 Washers/Screws/Cage Nuts
- Loading Capacity 121lbs
- Adjustable depth: 22” to 42”
- Suitable for network electronics/components & keyboards
Racks & Accessories ▶ Shelves

Sliding Keyboard Shelf, 19”
Vertical Cable Sliding Keyboard Shelves are made to work with any Vertical Cable Rack. However, they will also work with any standard 19” 4 Post Rack. These shelves are made from solid steel and slide out smoothly and steadily. An additional smaller tray is built in under the shelf for convenience. Perfect for keyboard and mouse.

### Features:
- **Applications:** holds accessories for installed components in server or network enclosures
- **Small size tray slides out from underneath, requires 2U for full functionality**
- **Great shelf for a keyboard and mouse within your server rack**
- **Comes with 8 sets of screws, washers and cage nuts**
- **Mounts on most 19” racks | 16” Wide Keyboard Compatible**
- **Adjustable Mounting Depth: 12” to 28”**

<table>
<thead>
<tr>
<th>Height</th>
<th>Width</th>
<th>Depth</th>
<th>Weight</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.75”</td>
<td>19”</td>
<td>12”</td>
<td>12 LBS</td>
<td>44 LBS</td>
</tr>
</tbody>
</table>

16” Wide Keyboard Compatible

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>047-WKS-3551</td>
<td>Sliding Keyboard Shelf, 19”</td>
</tr>
</tbody>
</table>

1U, 19” Vented Sliding Shelf
Vertical Cable Vented Shelves are built of sturdy steel, and slide out with ease. They fit 19” 4 Post compatible racks. Perfect server accessories or audio/video equipment. They are also vented on the bottom to help with cooling.

### Features:
- **1U, 19” Vented Sliding Shelf**
- **Mounts on any standard 4-post 19” rack**
- **Vented to ensure cooling**
- **Made from 1.5mm EG Steel**
- **Comes with 8 sets of M6 Washers/Screws/Cage Nuts**
- **Loading Capacity 44lbs**
- **Depth: 25”-36”**
- **Suitable for network electronics/components**

<table>
<thead>
<tr>
<th>Height</th>
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<th>Weight</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.75”</td>
<td>19”</td>
<td>25”-36”</td>
<td>12 LBS</td>
<td>44 LBS</td>
</tr>
</tbody>
</table>

Only compatible with 4 post rack

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>047-WSS-3551</td>
<td>1U, 19” Vented Sliding Shelf</td>
</tr>
</tbody>
</table>
**Tools & Testers**

Vertical Cable offers a complete set of wire handling tools to accommodate all our cable and connectivity products. Ranging from Punch Down Tools to Cable Strippers, Cutters and Testers, find everything you need for a proper cable installation.

### Punch Down Tools
- Alloy steel blades
- Punch Down Tools features no slip ribbed handles

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>078-1028</td>
<td>Punch Down Tool, Spring-Loaded Adjustable Impact, Cuts &amp; Terminates Conductors on 110/88</td>
</tr>
<tr>
<td>078-1988K</td>
<td>Impact Punch Down Tool for Krone Terminal Block</td>
</tr>
<tr>
<td>078-2150</td>
<td>i-Punch Tool for Keystone Jack Series</td>
</tr>
<tr>
<td>078-1025</td>
<td>Impact Punch Down Tool with 110/88/66 Blade</td>
</tr>
<tr>
<td>078-1025/B</td>
<td>110 Type Blade for 078-1025 Impact Punch Down Tool</td>
</tr>
<tr>
<td>078-1025/B210</td>
<td>Krone Type Blade for 078-1025 Impact Punch Down Tool</td>
</tr>
</tbody>
</table>

### Crimping & Compression Tools
- Tools feature wide, comfortable handles.
- Durable, long-lasting hardware

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>078-1016</td>
<td>Crimping Tool for RJ45, 8P8C, Built-in Cutting-Stripping Blade</td>
</tr>
<tr>
<td>078-1017</td>
<td>Crimping Tool for RJ11, RJ12, RJ45, Built-in Cutting-Stripping Blade</td>
</tr>
<tr>
<td>078-1018</td>
<td>Compression Tool, Terminates RCA, BNC, RG59, RG6</td>
</tr>
<tr>
<td>078-1019</td>
<td>Compression Tool, Terminates RG11</td>
</tr>
<tr>
<td>078-2152/EZC</td>
<td>Crimping Tool for Feed Through Plugs</td>
</tr>
<tr>
<td>078-2153/B</td>
<td>Replacement Blade for EZ Feed Crimping Tool</td>
</tr>
<tr>
<td>078-2154/EZC/S</td>
<td>Tool for CAT6A Easy Feed RJ45 Modular Plug for Shielded Cable</td>
</tr>
</tbody>
</table>

### Cutters & Strippers
- Miniature Stripper/Cutter/ Punch Down Tool offers an economical solution for various installation operations in 1 tool
- Cutter cuts a large range of gauge wires up to 8 conductors, including Category, Audio, and Coaxial Cable
- Universal Stripping Tool features a reversible cassette: side 1 for RG59/6, side 2 for RG7/11. Additional hole for networking (CAT) and flat phone cable

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>078-1022</td>
<td>Universal Cable Stripper for RG59, RG6, RG7, RG11, CATs, Flat Telephone Wire</td>
</tr>
<tr>
<td>078-1023</td>
<td>Miniature 5 Adjustable Stripper/Cutter/Punch Down Tool, AWG10-30 Wire, UTP/STP Round Cable</td>
</tr>
<tr>
<td>078-1024</td>
<td>Cable Cutter, Cuts Wire up to 0.42/10.7mm</td>
</tr>
<tr>
<td>078-1256</td>
<td>Coaxial Stripper, Thumbwind-Style, Adjustable Blade, For RG59 &amp; RG6</td>
</tr>
</tbody>
</table>

**verticalcable.com**  **Florida 800.749.2447**  **California 951.696.7772**  **New York 845.391.8318**
Closer Look at I-Punch Tool

Vertical Cable’s featured tool is the I-Punch Tool, which terminates multiple conductors in one single movement. This tool will save the installer vast amounts of time, and make the job significantly easier.

1 PREP

2 INSERT

3 PUNCH

4 DONE

Testers

Ensures that all intended connections work, and no unintended connections exist in your installation; find everything you need for a proper cable installation.

Better Together
Examples of Retail Packs

- **Cable Tester**: Check for UTP, STP, coaxial, and modular cables. Works with feed thru connectors.
- **Cable Cutter**: Curve blade cuts wire up to 0.42 (10.7mm) steel. Made in Taiwan.
- **Krone Type Blade**: Yellow, works with RJ45 and RJ11.
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