

CAT5E/RG6/U BUNDLE CABLE

(2) 24-AWG CAT5E UTP (CMR) + (2) 18-AWG RG6 STANDARD SHIELD



DESCRIPTION

4 Component Composite Cable, CMR Rated,
(2) 4P x 24-AWG CAT5E Solid Bare Copper,
(2) 18-AWG RG6/U Coaxial Standard Shielded

FEATURES

- 4 Component Bundled Composite Cable
- Supports 10/100/1000BASE-T applications, 155ATM, 622ATM, NTSC/PAL Component or Composite Video, AES/EBU Digital Audio, AES51, RS-422
- Suitable for Digital HDTV Applications, CATV and Digital Satellite Installations
- 24-AWG CAT5E UTP Solid Bare Copper Conductors, 350 MHz Bandwidth
- 18-AWG RG6/U Copper Clad Steel Conductors, Sweep Tested to 3GHz
- Exceeds ANSI/TIA-568.2-D and ISO/IEC 11801 specifications
- CAN/CSA-C22.2 No. 214, RoHS compliant
- CMR Rated, ETL listed



294-2182

TRANSMISSION PERFORMANCE

Meets or exceeds ANSI/TIA-568.2-D and ISO/IEC 11801 specifications

CONSTRUCTION

Components: 2 RG6/U Cables + 2 CAT5E Cables
Rip Cord: x3 (Nylon)

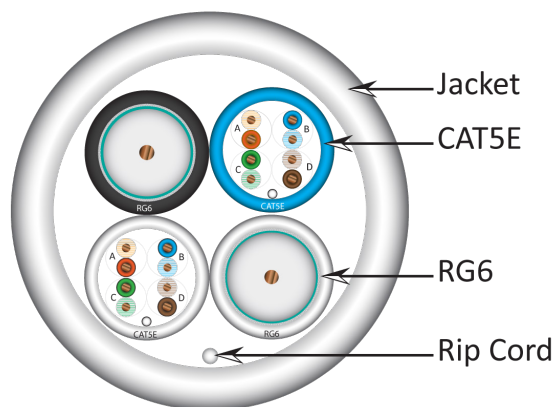
COMPONENT 1 (18-AWG RG6/U)

Conductor: 18-AWG Copper Clad Steel (CCS)
Conductor Diameter: 0.0402 (1.02 mm)
Jacket Color: White
Screen (Aluminum): Foil: 60% Coverage
Outer Diameter: 0.28 in. (6.80 mm)
Jacket Material: Polyvinyl Chloride (PVC)
Jacket Marking: VERTICAL 4001453 cETLus RG6/U CMR18AWG CATV SWEPT TO 3000MHZ RoHS XXXXFT

COMPONENT 2 (4P x 24-AWG CAT5E)

Conductors: 4 Pairs 8 Conductors Solid Bare Copper
Jacket Color: White
Insulation Material: Polyethylene (PE)
Insulation Diameter: 0.0358 in. (0.91 mm)
Screen: Unscreened
UTP Insulation Color Coding: Pair 1: Orange/White with Orange Stripe
Pair 2: Blue/White with Blue Stripe
Pair 3: Brown/White with Brown Stripe
Pair 4: Green/White with Green Stripe
Outer Diameter: 0.24 in. (6.10 mm)
Jacket Material: Polyvinyl Chloride (PVC)
Jacket Marking: VERTICAL 4001453 cETLus CMR FT4 UTP 4PR 24 AWG CAT5E 350MHz ANSI/TIA-568.2-D RoHS XXXXFT

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VERTICAL CABLE

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verticalcable.com

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COMPONENT 3 (18-AWG RG6/U)

Conductor: 18-AWG Copper Clad Steel (CCS)
Conductor Diameter: 0.0402 (1.02 mm)
Jacket Color: Black
Screen (Aluminum): Foil: 60% Coverage
Outer Diameter: 0.28 in. (6.80 mm)
Jacket Material: Polyvinyl Chloride (PVC)
Jacket Marking: VERTICAL 4001453 cETLus RG6/U CMR18AWG CATV
SWEPT TO 3000MHZ RoHS XXXXFT

COMPONENT 4 (4P x 24-AWG CAT5E)

Conductors: 4 Pairs 8 Conductors Solid Bare Copper
Jacket Color: Blue
Insulation Material: Polyethylene (PE)
Insulation Diameter: 0.0358 in. (0.91 mm)
Screen: Unscreened
UTP Insulation Color Coding: Pair 1: Orange/White with Orange Stripe
Pair 2: Blue/White with Blue Stripe
Pair 3: Brown/White with Brown Stripe
Pair 4: Green/White with Green Stripe
Outer Diameter: 0.24 in. (6.10 mm)
Jacket Material: Polyvinyl Chloride (PVC)
Jacket Marking: VERTICAL 4001453 cETLus CMR FT4 UTP 4PR 24
AWG CAT5E 350MHz ANSI/TIA-568.2-D RoHS XXXXFT

OVERALL JACKET

Material: Polyvinyl Chloride (PVC)
Outer Diameter: 0.63 in. (16.00 mm)
Average Thickness: 0.0295 in. (0.75 mm)
Marking: VERTICAL 4001453 cETLus VERIFIED CMR 75C 2 X (24AWG/4P)
CAT5E 350MHZ UTP AND 2 X (18AWG) RG6/U RoHS XXXFT

ELECTRICAL

Voltage Rating:	30V		
CAT5E:		RG6/U:	
1.0-350 MHz Impedance:	100Ω	Nominal Characteristic Impedance:	75Ω
1.0350 MHz Delay Skew:	≤45 ns/100m	Nominal Attenuation (dB per 100ft.):	2.66 dB @ 5 MHz 14.1 dB @ 400 MHz 5.25 dB @ 55 MHz 15.0 dB @ 450 MHz 10.1 dB @ 211 MHz 15.9 dB @ 500 MHz 11.0 dB @ 250 MHz 17.5 dB @ 600 MHz 11.5 dB @ 270 MHz 19.7 dB @ 750 MHz 12.1 dB @ 300 MHz 21.3 dB @ 870 MHz 13.1 dB @ 350 MHz 23.0 dB @ 1000 MHz
Maximum Capacitance Unbalance:	330 pF/ft.		
Conductor D.C.R.:	93.8 Ω/km		
Maximum D.C.R. Unbalance:	≤5%		

MECHANICAL

Before Tensile Strength (Mpa): ≥13.8
Aging Elongation (%): ≥100
Aging Condition (°Cxhrs): 100x168
After Tensile Strength (Mpa): ≥85% of unaged
Aging Elongation (5): ≥50% if unaged
Cold Bend (-20±2°Cx4hrs): No Crack

ENVIRONMENTAL

Operating temperature: -4 °F-167 °F (-20 °C-75 °C)

WEIGHT

78 lb (35.4 kg)

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