

CAT5E BUNDLED CABLES

(2) 24-AWG CAT5E UTP (CMR) + (1) 18-AWG RG6 QUAD SHIELDED



DESCRIPTION

3 Cable Bundle, Skip Wrapped (No Overall Jacket),
(2) 4P x 24-AWG CAT5E Solid Bare Copper,
(1) 18-AWG RG6/U Coaxial Quad Shielded

FEATURES

- 3 Cables Bundled with Skip Wrapping
- 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 Conductor, 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

294-2179

TRANSMISSION PERFORMANCE

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

CONSTRUCTION

Components: CAT5E + RG6/U
Rip Cord: x2 (Nylon)
Assembly Diameter: 0.51 in. (13.0 mm)

COMPONENT 1 (4P x 24-AWG CAT5E)

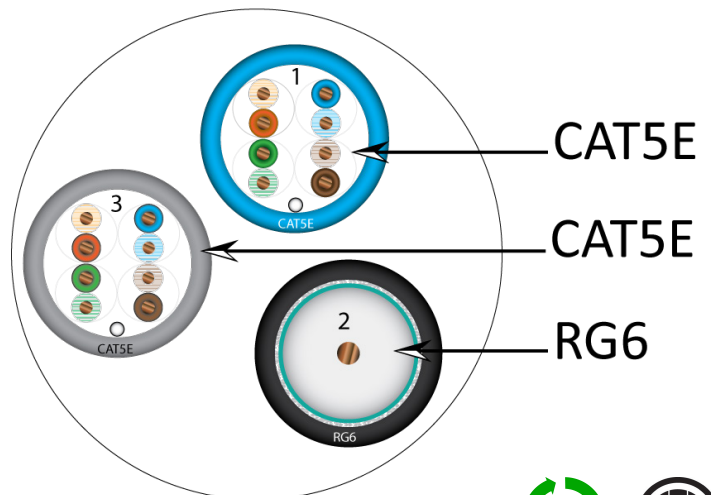
Conductors: 4 Pairs 8 Conductors Solid Bare Copper
Insulation Diameter: 0.0358 in. (0.91 mm)
Insulation Material: Polyethylene (PE)
Jacket Color: Blue
Screen: Unscreened
Outer Diameter: 0.20 in. (5.10 mm)
Jacket Material: Polyvinyl Chloride (PVC)
Jacket Marking: VERTICAL 4001453 cETLus VERIFIED CMR FT4 UTP 4PR 24 AWG CAT5E 350MHz ANSI/TIA-EIA-568C.2-D

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

COMPONENT 2 (18-AWG RG6/U)

Conductor: 18-AWG Copper Clad Steel (CCS)
Insulation Material: Foam Polyethylene (PE)
Insulation Diameter: 0.1811 in. (4.60 mm)
Jacket Color: Black
Screen (Aluminum): Foil: 100% Coverage
Outer Diameter: 0.29 in. (7.40 mm)
Jacket Material: Polyvinyl Chloride (PVC)
Jacket Marking: VERTICAL 4001453 cETLus RG6/U QUAD TYPE CMR 18AWG CATV SWEEP TO 3000MHz XXXFT

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VERTICAL CABLE

951.696.7772 California
800.749.2447 Florida
845.391.8318 New York



verticalcable.com

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COMPONENT 3 (4P x 24-AWG CAT5E)

Conductors:	4 Pairs 8 Conductors Solid Bare Copper
Insulation Diameter:	0.0358 in. (0.91 mm)
Insulation Material:	Polyethylene (PE)
Jacket Color:	Blue
Screen:	Unscreened
Outer Diameter:	0.20 in. (5.10 mm)
Jacket Material:	Polyvinyl Chloride (PVC)
Jacket Marking:	VERTICAL 4001453 cETLus VERIFIED CMR FT4 UTP 4PR 24 AWG CAT5E 350MHz ANSI/TIA-EIA-568C.2-D RoHS V1379P10119 XXXFT
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

ELECTRICAL

Voltage Rating:	30V	RG6/U:	
CAT5E:		Nominal Characteristic Impedance:	75Ω
1.0-350 MHz Impedance:	100Ω	Nominal Attenuation (dB per 100ft.):	0.25 dB @ 10 MHz 8.43 dB @ 1200 MHz
1.0350 MHz Delay Skew:	≤45 ns/100m		1.41 dB @ 50 MHz 9.35 dB @ 1500 MHz
Maximum Capacitance Unbalance:	≤330 pF/ft.		1.92 dB @ 100 MHz 37.0 dB @ 2000 MHz
Conductor D.C.R.:	93.8 Ω/km		2.64 dB @ 200 MHz 38.2 dB @ 2200 MHz
Maximum D.C.R. Unbalance:	≤5%		14.4 dB @ 400 MHz 41.8 dB @ 2500 MHz
			5.06 dB @ 700 MHz 49.9 dB @ 3000 MHz
			6.20 dB @ 1000 MHz

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)
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WEIGHT

78 lb (35.4 kg)

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