

# BUNDLED CABLE (CMR)

## 2 CAT5E + 2 RG6 QUAD + 2 FIBER



**SKU: 294-2174**

### DESCRIPTION

**Bundled Cable, 1 x CAT5E UTP with 1 x RG6 (CCS) Quad Shield + Multimode Fiber connected siamese style, 500ft Spool**

### FEATURES

- High-Performance Data Cable
- Suitable for 350MHz High Speed Data Applications, Gigabit Ethernet, Fast Ethernet and 15Mbps TP-PMD/ CDDI
- Designed For Indoor Installations
- CMR Rated
- ETL Verified, RoHS Compliant
- ANSI/TIA/EIA 568C.2, ISO/IEC-11801
- Supplied in 500ft Wooden Spool

#### CAT5E UTP Cable

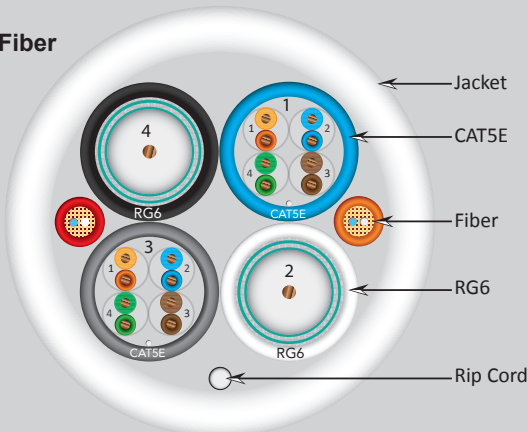
- 4-Pair - Easily identified color-striped pairs
- 24AWG Solid Bare Copper Conductors

#### RG6 Coaxial Cable

- High-Grade RG6 Quad Shield
- Suitable for Digital HDTV Applications, CATV, Outdoor TV Antennas and Digital Satellite Installations
- 18AWG Solid Copper Clad Steel
- Suitable for Digital HDTV, CATV
- Sweep-Tested to 3GHz

#### Multimode Fiber

- 2 Cores



#### TECHNICAL SPECS

Rated Temperature (°C) 75  
Flammability Test CMR

#### CAT5E UTP Cable

Conductor 24AWG Solid Bare Copper  
Insulation PE  
Insulation Diameter (±0.02mm) 0.91  
Twisted Pair Diameter (±0.02mm) 1.82  
Jacket PVC  
Outer Diameter (±0.2mm) 5.10  
Rip Cord Yes  
Color Blue and Gray (CAT5E Jacket)

#### RG6 Quad Shield

Conductor 18AWG Copper Clad Steel  
Conductor Diameter 1.02  
Insulation Foam PE  
Bonded AL-Foil Yes  
Braiding-1 16/5/0.12 AL-Wire (60%)  
AL-Foil (Double) Yes  
Braiding-2 16/3/0.12 AL-Wire (40%)  
Jacket PVC  
Outer Diameter (±0.15mm) 7.4  
Color Black and White (Coaxial Jacket)

#### Fiber (Multimode)

2 cores Ultra Pure Silica Glass  
Core Diameter (±3µm) 62.5  
Clad Diameter (±2µm) 12.5  
Primary Coating Material UV Curable Acrylate  
Jacket PVC  
Color Red & Orange (Fiber Jacket)  
Assembly (2CAT5E +2 RG6 +2FIBER)  
Jacket PVC  
Jacket Diameter (±0.3mm) 17.50  
Color White

**VERTICAL CABLE**

951.696.7772 California  
800.749.2447 Florida  
845.391.8318 New York



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[www.verticalcable.com](http://www.verticalcable.com)  
Rev. 05/2015

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# BUNDLED CABLE (CMR) 2 CAT6 UTP + 2 RG6 QUAD

## PERFORMANCE

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**Marking on Outer Jacket**

VERTICAL CMR 75C 2 x (24AWG/4P) CAT5E 350MHZ UTP AND 2 x (18AWG) RG6/U QUAD AND 2 x (OPTICAL FIBER) XXXFT

**Marking on RG6 Jacket**

RG6/U QUAD TYPE CMR 18AWG CATV SWEPT TO 3000MHZ XXXFT

**Marking on CAT5E Jacket**

VERIFIED CMR CATEGORY 5E 350MHZ TIA/EIA-668C.2 24AWG 4PR UTP XXXFT

**Marking on Fiber**

OPTICAL FIBER CABLE MULTIPLE DUPLEX 62.5/125

**Mechanical Characteristics:**

Test Object	Jacket
Test Material	PVC
Before Tensile Strength (Mpa)	≥13.8
aging Elongation (%)	≥100
Aging Condition (°Cxhrs)	100x168
After Tensile Strength (Mpa)	≥85% of unaged
aging Elongation (%)	≥50% of unaged
Cold Bend (-20±2°Cx4hrs)	No Crack

**CAT5E Electrical Characteristics:**

1.0-350MHz Impedance (Ω)	100±15
1.0350MHz Delay Skew (ns/100m)	≤45
Capacitance Unbalance (pF/100m)	≤330
Conductor D.C.R. (Ω-km)	93.8
D.C.R. Unbalance	≤5%

Frequency	Return Loss	Attenuation	PS-NEXT	NEXT	FLFEXT	PS-FLFEXT
MHz	dB	dB(100m)	dB	dB	dB	dB
	Minimum	Maximum	Minimum	Minimum	Minimum	Minimum
0.772	19.4	2.2	64.0	67.0	66.0	63.0
1	20.0	2.4	62.3	65.3	63.8	60.8
4	23.0	4.9	53.3	56.3	51.7	48.7
8	24.5	6.9	48.8	51.8	45.7	42.7
10	25.0	7.8	47.3	50.3	43.8	40.8
16	25.0	9.9	44.3	47.3	39.7	36.7
20	25.0	11.1	42.8	45.8	37.7	34.7
25	24.3	12.5	41.3	44.3	35.8	32.8
31.25	23.1	14.1	39.9	42.9	33.9	30.9
62.5	21.5	20.4	35.4	38.4	27.8	24.8
100	20.1	26.4	32.3	35.3	23.8	20.8
250	17.8	34.5	26.3	29.3	15.8	12.8
350	16.6	40.2	24.2	27.2	12.9	9.9

**RG6 Quad Electrical Characteristics:**

Impedance (±5.0Ω)	75.0
Nominal Attenuation per 100ft	
1MHz	0.25dB
50MHz	1.41dB
100MHz	1.92dB
200MHz	2.64dB
700MHz	5.06dB
1000MHz	6.2dB
1800MHz	8.43dB
2200MHz	9.35dB

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