

# BUNDLED CABLE (CMR)

## 1 CAT5E UTP + 1 RG6 QUAD



**SKU: 294-2172**

### DESCRIPTION

Bundled Cable, 1 x CAT5E UTP with 1 x RG6 Quad Shield 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
- 18AWG Solid Copper Clad Steel
- Suitable for Digital HDTV, CATV
- Sweep-Tested to 3GHz

#### 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  
Asseby Diameter 3.80

#### 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%)

PVC Jacket (±0.20mm) White H1: 5.10, H2: 7.30 W: 12.40

#### Marking on Outer Jacket

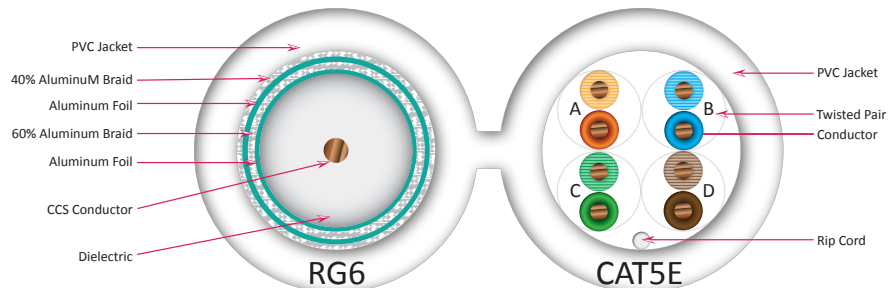
VERTICAL CMR 75C 2 x (24AWG/4P) CAT5E 350MHZ UTP AND 2 (18AWG) RG6/U QUAD XXXFT

#### 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



**VERTICAL CABLE**

951.696.7772 California  
800.749.2447 Florida  
845.391.8318 New York



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

Specs subject to change without notice.  
It is the sole responsibility of the user to have the most current specs.

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### PERFORMANCE

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#### Mechanical Characteristics:

Test Object	Jacket
Test Material	PVC
Before aging	Tensile Strength (Mpa) $\geq 13.8$
aging	Elongation (%) $\geq 100$
Aging Condition ( $^{\circ}\text{C}\times\text{hrs}$ )	100x168
After aging	Tensile Strength (Mpa) $\geq 85\%$ of unaged
aging	Elongation (%) $\geq 50\%$ of unaged
Cold Bend ( $-20\pm 2^{\circ}\text{C}\times 4\text{hrs}$ )	No Crack

#### CAT5E Electrical Characteristics:

1.0-350MHz Impedance ( $\Omega$ )	$100\pm 15$
1.0350MHz Delay Skew (ns/100m)	$\leq 45$
Capacitance Unbalance (pF/100m)	$\leq 330$
Conductor D.C.R. ( $\Omega\text{-km}$ )	93.8
D.C.R. Unbalance	$\leq 5\%$

Frequency MHz	Return Loss	Attenuation	PS-NEXT	NEXT	FLFEXT	PS-FLFEXT
	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 ( $\pm 5.0\Omega$ )	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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