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

VERTICAL CABLE
Simply Connect.

SKUs: 294-2171/BL
294-2171

DESCRIPTION

Bundled Cable, 2 x CAT6 UTP with 2 x RG6 Quad Shield under an overall PVC Jacket, 500ft Spool

FEATURES

CAT6 UTP Cable
- High-Performance Data Cable
- 550MHz Bandwidth for Data Applications
- 23AWG Solid Bare Copper Conductors
- ANSI/TIA/EIA 568C.2, ISO/IEC-11801

RG6 Coaxial Cable
- High-Grade RG6 Quad Shield
- Suitable for Digital HDTV, CATV
- Sweep-Tested to 3GHz

CMR Rated, c(ETL)US
- ETL Verified, RoHS Compliant
- Jacket color available in blue or white
- Supplied in 500ft Wooden Spool

CAT6 UTP Cable

Conductor	23AWG Solid Bare Copper
Jacket Material	Polivinyl Chloride (PVC)
Jacket Color	Blue and Yellow
Nominal Overall Diameter	0.240 inch (25.400 mm)

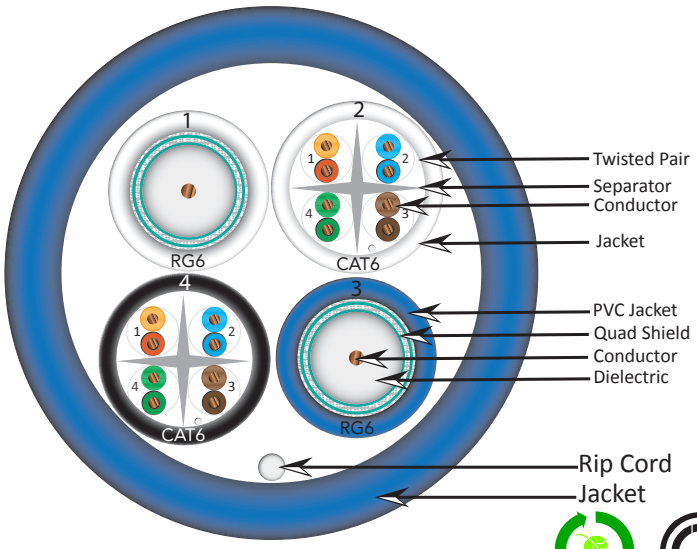
RG6 Quad Shield

Conductor	18AWG Copper Clad Steel
Dielectric Material	Cellular Polyethylene
Dielectric Core Diameter	0.180 in (4.572mm) Nominal
1st Shield	Aluminum Foil 100% Coverage
2nd Shield	Aluminum Braid 60% Coverage
3rd Shield	Aluminum Foil 100% Coverage
4th Shield	Aluminum Braid 40% Coverage
Jacket Material	Polivinyl Chloride (PVC)
Jacket Colors	Black and White
Nominal Overall Diameter	0.282 inch (7.162mm)

Overall Jacket

Construction	2 Cat6 + 2 RG6 Quad Cables
Jacket Material	Polivinyl Chloride (PVC)
Jacket Color	Blue or White
Nominal Overall Diameter	0.680 inch (17.272mm)

Standards/Listings
ANSI/TIA/EIA 568C.2 Category 6, ISO/EIC 11801 Category 6, NEC Article 800, UL 1581: CMR, ETL Verified, C(ETL)US



RoHS

c ETL US LISTED Intertek

VERTICAL CABLE
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800.749.2447 Florida
845.391.8318 New York

www.verticalcable.com

Rev. 12/2015

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PERFORMANCE

*RG-6/U Electrical Characteristics:

Nominal Capacitance: 16.2 pF/ft.
Nominal Characteristic Impedance: 75Ω
Nominal Velocity of Propagation: 84%
Nominal Attenuation (dB per 100 ft.):

1.46 dB @	50 MHz	7.50 dB @	1200 MHz
2.05 dB @	100 MHz	8.50 dB @	1800 MHz
2.83 dB @	200 MHz	9.50 dB @	2200 MHz
6.88 dB @	1000 MHz	12.0 dB @	3000 MHz

*Cat6 Electrical Details:

Nominal Mutual Capacitance: 14 pF/ft.
Nominal Velocity of Propagation: 70%
Maximum Capacitance Unbalance: 330 pF/ft.
Maximum Conductor D.C.R.: 28.6Ω/1000 ft.
Maximum D.C.R. Unbalance: 3%
Maximum Delay Skew: 18.0ns/100m
Nominal Characteristic Impedance:

from	0.772 MHz - 100 MHz	100 ± 15%
from	100 MHz - 200 MHz	100 ± 22%
from	201 MHz - 550 MHz	100 ± 32%

*Cat6 Electrical Characteristics:

Frequency	Return Loss	Attenuation	NEXT	PS-NEXT	ELFEXT	PS-ELFEXT
MHz	dB	Db (100m)	dB	dB	dB	dB
	Minimum	Maximum	Minimum	Minimum	Minimum	Minimum
1	20.0	2.0	80.3	78.3	73.8	70.8
4	23.0	3.8	71.3	69.3	61.8	58.8
10	25.0	6.0	65.3	63.3	53.8	50.8
16	25.0	7.6	62.2	60.2	47.7	46.7
20	25.0	8.5	60.8	58.8	47.8	44.8
31.25	23.6	10.7	57.9	55.9	43.9	40.9
62.5	21.5	15.4	53.4	51.4	37.9	34.9
100	20.1	19.8	50.3	58.3	33.8	30.8
200	18.0	29.0	45.8	43.8	27.8	24.8
250	17.3	32.8	44.3	42.3	25.8	22.8

*All electricals are prior to cabling

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