

CAT6 600MHZ
23AWG, UTP, 4 Pair, Solid
1000' Pull Box



Description:

Category-6 UTP 1000' 8-Conductor, Bulk, Blue-PVC Jacket,
AWG23 Solid-Bare Copper, Pull Box (UL/ETL)

PrimusCable.com
951 - 691 - 5025

Brand:

Primus Cable

Features:

- High-performance data communications cable
- Suitable for up to 600MHz high speed data applications, Gigabit ethernet, fast ethernet and 155Mbps TP-PMD/CDDI
- Designed for indoor installations (CMR) riser
- Category-6 unshielded twisted pair (UTP) cable
- 4-Pair – easily identified color-striped pairs
- 23AWG solid bare copper conductors
- Excellent attenuation and crosstalk characteristics
- Exceeds EIA/TIA 568 B.2-1, UL, CSA and ISO/IEC 11801 specifications
- UL/cUL or ETL Listed
- Supplied in 1000' pull boxes

Packaging Example:



Disclaimer: Packaging design subject to change without notice.

Available Colors:

black, blue, gray, green, red, white, yellow



Printing on Jacket:

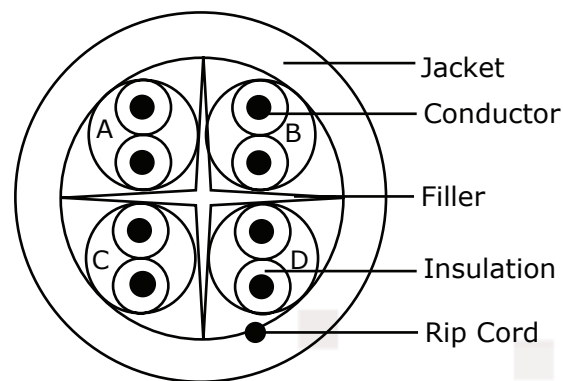
PRIMUS CABLE E317493 (UL) C(UL) CMR FT4 UTP 4PR
23 AWG CAT6 600MHz VERIFIED TIA/EIA - 568B.2-1
(VID:###) XXXX FT

Sequential foot markers on jacket

Important Notes:

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Technical Diagram:



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Electrical Characteristics:

Rated Temperature:	70°C
Rated Voltage:	300V
Product Standard Certification:	CMR
1.0-100MHZ Impedance:	100Ω±15
100-200MHZ Impedance:	100Ω±25
200-600MHZ Impedance:	100Ω±35
1.0-250MHz Delay Skew	<=45 (ns/100m)
Max. Capacitance Unbalance	<=330 (pF/100m)
Max. DC Resistance 20°C	95(Ω/km)
Resistance Unbalance	<=5 (%)

Frequency (MHz)	Attenuation Max.	Return Loss Min.	Next (ns/100m)
1	2.0	20.0	74.3
4	3.8	23.0	65.3
10	6.0	25.0	59.3
20	8.5	25.0	54.8
31.25	10.7	23.6	51.9
62.5	15.4	21.5	47.4
100	19.8	20.1	44.3
200	29.0	18.0	39.8
250	32.8	17.3	38.3
350	39.8	16.3	36.1
450	46.0	15.5	34.5
550	51.7	14.9	33.2

Frequency (MHz)	PSNEXT Min.	ELFEXT Min.	Delay Max.
1	72.3	67.8	570.0
4	63.3	55.8	552.0
10	57.3	47.8	545.0
20	52.8	41.8	542.0
31.25	49.9	37.9	540.0
62.5	45.4	31.9	538.0
100	42.3	27.8	537.0
200	37.8	21.8	536.0
250	36.3	19.8	536.0
350	34.1	17.1	-----
450	32.5	15.2	-----
550	31.2	13.2	-----

Technical Specs:

Conductor Size	Solid Bare Copper 23 AWG
Insulation	PE
Average Thickness	0.22mm
Insulation Diameter	1.01mm ± 0.005mm
Twisted Pair Dia.	2.02mm ± 0.01mm
Separator	PP
Assembly Diameter	5.00mm
Jacket	PVC
Color	Blue
Average Thickness	0.6mm
Outer Diameter	6.2mm ± 0.1mm
Rip Cord	Yes

Color of Pairs

Pair 1	Blue, White-Blue
Pair 2	Orange, White-Orange
Pair 3	Green, White-Green
Pair 4	Brown, White-Brown

Mechanical Characteristics:

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

