

CAT6 Outdoor UV Rated
23AWG, UTP, 4 Pair, Solid
1000' Wooden Spool



PrimusCable.com
951 - 691 - 5025

Description:

Category-6 CMX 1000' 8-Conductor, Bulk, Black-Outdoor Jacket (UV), AWG23 Solid-Bare Copper, Wooden Spool

Brand:

Primus Cable

Features:

- High-performance data communications cable
- Suitable for 600MHz high speed data applications, Gigabit ethernet, fast ethernet and 155Mbps TP-PMD/CDDI
- Designed for outdoor installations, UV Jacket (CMX)
- 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' wooden spools

Packaging Example:



Disclaimer: Packaging design subject to change without notice.

Available Colors:

black



Printing on Jacket:

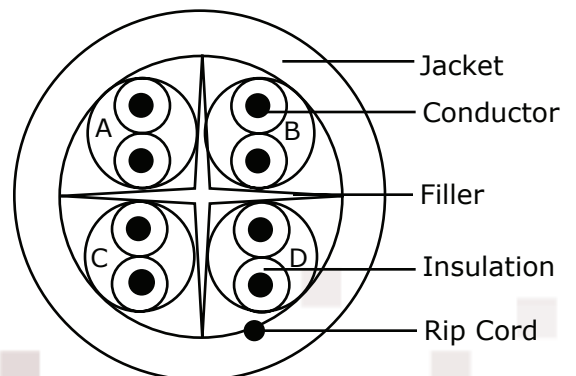
PRIMUS CABLE E317493 (UL) C(UL) CMX CMR FT4 UTP 4PR
23 AWG VERIFIED OUTDOOR UV CAT6 600MHz TIA/EIA -
568B.2 STANDARD (VID:###) XXXX FT

Sequential foot markers on jacket

Important Notes:

The information contained in this document is proprietary to Primus Cable and may not be disclosed or transmitted to any other parties without the express written permission of Primus Cable. This information is provided for the purposes of quotation only.

Technical Diagram:



Electrical Characteristics:

Rated Temperature:	70°C
Rated Voltage:	300V
1.0-600MHZ Impedance:	100Ω ± 15
1.0-600MHZ 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	78.3
4	3.8	24.2	69.3
10	5.9	27.0	63.3
20	8.4	27.0	58.8
31.25	10.6	26.9	55.9
62.5	15.3	24.2	51.4
100	19.7	23.1	58.3
200	28.8	21.4	43.8
300	36.2	20.4	41.1
400	42.7	19.7	39.3
500	48.6	19.2	37.8
550	51.5	19.0	37.2
650	56.8	18.6	36.1

Frequency (MHz)	PSNEXT Min.	ELFEXT Min.	PSELFEXT Min.
1	76.3	70.0	68.0
4	67.3	58.0	56.0
10	61.3	50.0	48.0
20	56.8	44.0	42.0
31.25	53.9	40.1	38.1
62.5	49.4	34.1	32.1
100	46.3	30.0	28.0
200	41.8	24.0	22.0
300	39.1	20.5	18.5
400	37.3	-----	-----
500	35.8	-----	-----
550	35.2	-----	-----
650	35.1	-----	-----

Technical Specs:

Conductor Size	Solid Bare Copper 23 AWG
Insulation Average Thickness	PE 0.22mm
Insulation Diameter	1.01mm ± 0.01mm
Twisted Pair Dia. Separator	2.02mm ± 0.02mm PP
Assembly Diameter	5.00mm
Jacket	PVC (UV)
Average Thickness	0.60mm
Outer Diameter	6.2mm ± 0.3mm
Rip Cord	Per request

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 (UV)
Before Aging	Tensile Strength >=13.8
After Aging	Elongation >=100%
Aging Condition	100x168
After Aging	Tensile Strength >=85%
After Aging	Elongation (%) >=50%
Cold Bend (-20±2° Cx4hrs)	No Crack