

CAT5E Outdoor UV Rated
24AWG, UTP, 4 Pair, Solid
1000' Pull Box



PrimusCable.com
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Description:

Category-5E CMX 1000' 8-Conductor, Bulk, Black-Outdoor Jacket (UV), AWG24 Solid-Bare Copper, Pull Box (UL/ETL)

Brand:

Primus Cable

Features:

- High-performance data communications cable
- Suitable for 350MHz high speed data applications, Gigabit ethernet, fast ethernet and 155Mbps TP-PMD/CDDI
- Designed for outdoor installations, UV Jacket (CMX)
- Category-5E unshielded twisted pair (UTP) cable
- 4-Pair – easily identified color-striped pairs
- 24AWG 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

Printing on Jacket:

PRIMUS CABLE E317493 (UL) C(UL) CMX FT4 UTP 4PR
24 AWG VERIFIED UV CAT5E 350MHz TIA/EIA - 568B.2
STANDARD CMR (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.

Packaging Example:



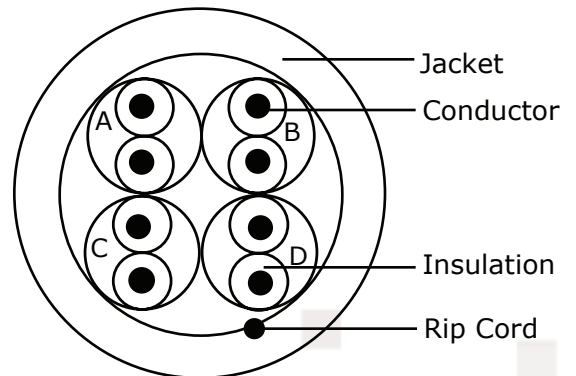
Disclaimer: Packaging design subject to change without notice.

Available Colors:

beige, black, white



Technical Diagram:



Electrical Characteristics:

Rated Temperature:	75°C
Product Standard Certification:	CMX
1.0-100MHZ Impedance:	100Ω±15
100-200MHZ Impedance:	100Ω±25
200-350MHZ Impedance:	100Ω±35
1.0-350MHz Delay Skew	<=45 (ns/100m)
Capacitance Unbalance	<=330 (pF/100m)
Max. DC Resistance 20°C	93.8 (Ω/km)
Resistance Unbalance	<=5 (%)

Frequency (MHz)	Attenuation Max.	Return Loss Min.	Next (ns/100m)
1	2.0	20.0	65.3
4	4.1	23.0	56.3
10	6.5	25.0	50.3
20	9.3	25.0	45.8
25	10.4	24.3	44.3
31.25	11.7	23.6	42.9
62.5	17.0	21.5	38.4
100	22.0	20.1	35.3
200	32.4	18.0	30.8
300	41.0	16.8	28.2
350	44.9	16.3	27.2

Frequency (MHz)	PSNEXT Min.	ELFEXT Min.	PSELFEXT Min.	ACR Typ
1	62.3	63.8	60.8	67.3
4	53.3	51.7	48.7	56.2
10	47.3	43.8	40.8	47.8
20	42.8	37.7	34.7	41.5
25	41.3	35.8	32.8	38.9
31.25	39.9	33.9	30.9	36.2
62.5	35.4	27.8	24.8	27.4
100	32.3	23.8	20.8	19.3
200	27.8	17.7	14.7	3.5
300	25.2	14.2	11.2	-----
350	24.2	12.9	9.9	-----

Technical Specs:

Conductor Size	Solid Bare Copper 24 AWG
Insulation	PE
Average Thickness	0.205mm
Insulation Diameter	0.91mm ± 0.005mm
Twisted Pair Dia.	1.82mm ± 0.01mm
Assembly Diameter	3.80mm
Jacket Color	PVC (UV) Black
Average Thickness	0.60mm
Outer Diameter	5.1mm ± 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 (UV)
Before Aging	Tensile Strength >=13.8 Elongation >=100%
After Aging	Tensile Strength >=85% Elongation (%) >=50%
Aging Condition	(°Cxhrs) 100x168
Cold Bend	(-20±2° Cx4hrs) No Crack