

CAT5E Outdoor with Messenger
24AWG, FTP, 4 Pair
1000' Wooden Spool



PrimusCable.com
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Description:

Category-5E Outdoor Cable with Messenger, 4 Pair FTP, 24AWG Solid Bare Copper Conductors, Black UV-Resistant CMX-Rated Jacket, 1000' Wooden Spool (UL/ETL)

Brand:

Primus Cable

Features:

- High-performance data communications cable
- Designed for outdoor installations, UV Jacket (CMX)
- Galvanized Steel Messenger Wire provides ideal support for aerial applications to reduce cable sag
- Suitable for 350MHz high speed data applications, Gigabit ethernet, fast ethernet & 155Mbps TP-PMD/CDDI
- Category-5E foil shielded twisted pair (FTP) 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
- Supplied in 1000' wooden spools

Printing on Jacket:

PRIMUS CABLE CAT5E STP 4PR 24AWG 350MHZ UV
OUTDOOR CMX ETL VERIFIED TO TIA/EIA-568-B.2 ZONE A B
C D E F / DEVISE 1 2 3 4 5 6 7 8 9 (VID XXX) 1000FT

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:

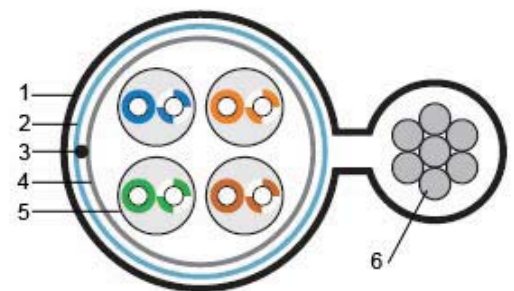


Disclaimer: Packaging design subject to change without notice.

Product Picture:



Technical Diagram:



- | | |
|----------------|--------------------|
| 1: Jacket | 4: Protective Skin |
| 2: Foil Shield | 5: Twisted Pairs |
| 3: Drain Wire | 6: Messenger |



Electrical Characteristics:

Operating Temperature:	-40°C to +50°C
Product Standard Certification:	CMX
1.0-100MHz Impedance:	100Ω±15
Mutual Capacitance	5.6 nF/m
Spark Test	2.5 kV
Capacitance Unbalance	<=330 (pF/100m)
Max. DC Resistance 20°C	9.38 (Ω/km)
Resistance Unbalance	<= 5%

Frequency (MHz)	RL	Attenuation dB	Next dB
1	---	2.0	65.3
4	4.1	4.0	56.3
10	6.5	6.5	50.3
20	9.3	9.3	45.8
25	10.4	10.4	44.3
31.25	11.7	11.7	42.9
62.5	17.0	17.0	38.4
100	22.0	22.0	35.3
200	32.4	32.4	30.8
310	41.0	41.8	27.9
350	44.9	44.9	27.1

Frequency (MHz)	PSNEXT dB	ELFEXT dB	PSELFEXT dB
1	62.3	63.8	60.8
4	53.3	51.7	48.7
10	47.3	43.8	40.8
20	42.8	37.7	34.7
25	41.3	35.8	32.8
31.25	39.9	33.9	30.9
62.5	35.4	27.8	24.8
100	32.3	23.8	20.8
200	27.8	18.0	15.0
310	24.9	14.2	11.2
350	24.1	13.1	10.1

Technical Specs:

Conductor Size	Solid Bare Copper 24 AWG
Messenger Size	Galvanized Steel Wire 17 AWG
Messenger Diameter	1.25mm ± 0.1mm
Insulation Average Thickness	HDPE 0.205mm
Insulation Diameter	0.9mm ± 0.02mm
Twisted Pair Dia.	1.82mm ± 0.01mm
Assembly Diameter	3.80mm
Jacket Color	PE (UV) Black
Average Thickness	0.65mm
Outer Diameter	7.0mm ± 0.2mm
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

Certifications:

- UL/cUL or ETL Listed
- Meets UL 444 standard
- Meets UL 1581 fire safety standard
- Meets ANSI/EIA/TIA 568-B.2 requirements