

CAT6A OUTDOOR CABLE

CMX / UV-RESISTANT

23 AWG 8 CONDUCTOR (UNSHIELDED)



VERTICAL CABLE

Simply Connect.

DESCRIPTION

550 MHz CAT6A, Outdoor UV resistant jacket,
CMX / 10 Gigabit / Unshielded, 4 Twisted Pairs
(UTP) 8 23-AWG Solid Bare Copper Conductors.

FEATURES

- Supports 10/100/1000BASE-T applications
- Ideal for 10G Networks up to 100 meters
- Fast Ethernet and 155Mbps TP-PMD/CDDI
- Outdoor UV-resistant jacket
- 550 MHz bandwidth supporting wide range of applications
- 23 AWG Solid Copper Conductors
- Easily identifiable pair insulation colors
- Exceeds ANSI/TIA-568.2-D and ISO/IEC 11801 specifications
- CAN/CSA-C22.2 No. 214, RoHS compliant
- ETL listed



069-564/A/CMX

TRANSMISSION PERFORMANCE

Meets or exceeds ANSI/TIA-568.2-D and ISO/IEC 11801 specifications

CONSTRUCTION

Pairs:	4
Conductors:	8
Rip Cord:	Nylon
Separator Material:	Linear Polyethylene (LPE)
Screen:	Unscreened (UTP)

CONDUCTORS

Material:	Solid Bare Annealed Copper
Size:	23 AWG

INSULATION

Diameter:	0.0397 in. (1.01 mm)
Average thickness:	0.0118 in. (0.30 mm)
Color coding:	Pair 1: White-Blue/Blue Pair 2: White-Orange/Orange Pair 3: White-Green/Green Pair 4: White-Brown/Brown

JACKET

Material:	Linear Low Density Polyethylene (LLDPE)
Outdoor rating:	UV-resistant
Outer diameter:	0.30 in. (7.60 mm)
Average thickness:	0.0236 in. (0.60 mm)
Min. point thickness:	0.0212 in. (0.54 mm)
Marking:	VERTICAL 4001453 cETLus VERIFIED CMX UTP 4PR 23AWG OUTDOOR UV LLDPE 10GS AUGMENTED CAT6A ANSI/TIA-568.2-D RoHS XXXXFT

ELECTRICAL

Voltage rating:	60 V _{RMS}
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MECHANICAL

Before Tensile Strength (Mpa):	≥10.6 MPa
Elongation After Aging (%):	≥300
Aging Conditions (°C × h):	100×168
Tensile Strength After Aging (Mpa):	≥85% of unaged
Elongation After Aging (%):	≥50% of unaged
Cold Bend (-40±2°C × 4hrs):	No Crack

SAFETY

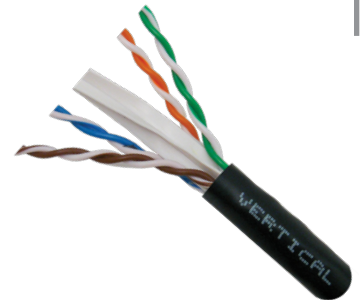
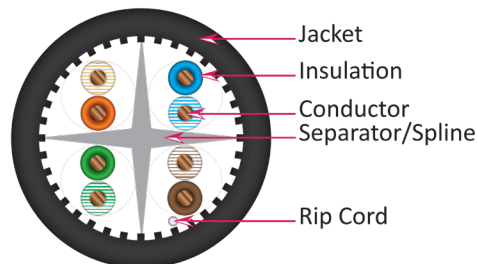
FPA 70 (NEC®) fire rating:	CMX
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ENVIRONMENTAL

Operating temperature:	-40 °F–167 °F (-40 °C–75 °C)
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WEIGHT

55 lb (25 kg)



VERTICAL CABLE

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845.391.8318 New York
713.322.7242 Texas



verticalcable.com

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Subject to change without notice.