

CAT6 DIRECT BURIAL CABLE

CMX / WATERPROOF / UV-RESISTANT

23 AWG 8 CONDUCTOR (F/UTP)



DESCRIPTION

550 MHz CAT6, Waterproof Outdoor Dual Jacket, Direct Burial / CMX / Overall Shield, 4 Twisted Pairs (F/UTP) 8 23-AWG Solid Bare Copper Conductors.

FEATURES

- Supports 10/100/1000BASE-T applications
- Fast Ethernet and 155Mbps TP-PMD/CDDI
- Outdoor UV-resistant / Waterproof jacket
- Direct Burial / Dual 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



069-561/CMXT

TRANSMISSION PERFORMANCE

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

CONSTRUCTION

Pairs:	4
Conductors:	8
Rip Cord:	Nylon
Drain Wire (Tinned Copper):	0.016 in. (0.40 mm)
Separator Material:	High Density Polyethylene (HDPE)
Screen:	Foiled (F/UTP)

CONDUCTORS

Material:	Solid Bare Annealed Copper
Size:	23 AWG

INSULATION

Diameter:	0.0440 in. (1.12 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

INNER JACKET (GRAY)

Material:	Polyvinyl Chloride (PVC)
Outer diameter:	0.28 in. (7.30 mm)
Average thickness:	0.0196 in. (0.50 mm)

OUTER JACKET (BLACK)

Material:	Linear Low Density Polyethylene (LLDPE)
Outdoor rating:	UV-resistant
Outer diameter:	0.36 in. (9.20 mm)
Average thickness:	0.0255 in. (0.65 mm)
Marking:	VERTICAL 4001453 cETLus VERIFIED F/UTP 4PR 23AWG OUTDOOR DIRECT BURIAL UV LLDPE CAT6 550MHz CMX 75C ANSI/TIA-568.2-D RoHS XXXXFT

ELECTRICAL

Voltage rating:	60 V _{RMS}
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MECHANICAL

Before Tensile Strength (Mpa):	≥14.8 MPa
Elongation After Aging (%):	≥100
Aging Conditions (°C × h):	100×240
Tensile Strength After Aging (Mpa):	≥85% of unaged
Elongation After Aging (%):	≥50% of unaged
Cold Bend (-40±2°C×4hrs):	No Crack
Maximum Pulling Force:	100 N
Minimum Bending Radius:	8XOD

SAFETY

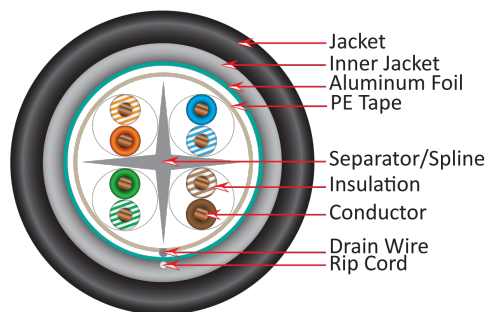
FPA 70 (NEC®) fire rating:	CMX
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ENVIRONMENTAL

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

50.3 lb (22.8 kg)



VERTICAL CABLE

951.696.7772 California
800.749.2447 Florida
845.391.8318 New York



verticalcable.com

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Subject to change without notice.