



DESCRIPTION

350 MHz CAT5E, CMX/Outdoor Jacket,
4 Unshielded Twisted Pairs (UTP), 8 24-AWG
Solid Bare Copper Conductors.

FEATURES

- Supports 10/100/1000BASE-T applications
- Outdoor UV-resistant jacket
- 350-MHz bandwidth supporting wide range of applications
- 24 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



CAT5E OUTDOOR CABLE

CMX / UV-RESISTANT JACKET

24 AWG 8 CONDUCTOR

059-484 SERIES

Part Number:	Description:
059-484/CMX	CAT5E Cable, Unshielded, 24 AWG Solid Bare Copper, Black 1000 ft.
059-484/CMX/GY	CAT5E Cable, Unshielded, 24 AWG Solid Bare Copper, Gray 1000 ft.
059-484/CMX/WH	CAT5E Cable, Unshielded, 24 AWG Solid Bare Copper, White 1000 ft.

TRANSMISSION PERFORMANCE

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

CONSTRUCTION

Pairs: 4
Conductors: 8
Rip Cord: 1
Screen: Unscreened (UTP)

CONDUCTORS

Material: Solid Bare Annealed Copper
Size: 24 AWG

INSULATION

Material: PE
Diameter: 0.04 in. (0.91 mm)
Average thickness: 0.0078 in. (0.20 mm)
Min. point thickness: 0.0074 in. (0.19 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 (LLDP)
Outdoor rating: UV-resistant
Outer diameter: 0.20 in. (5.10 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 24 AWG OUT DOOR UV CAT5E 350MHz ANSI/TIA-568.2-D RoHS V1379P13558 XXXXFT

ELECTRICAL

Voltage rating: 60 VRMS

MECHANICAL

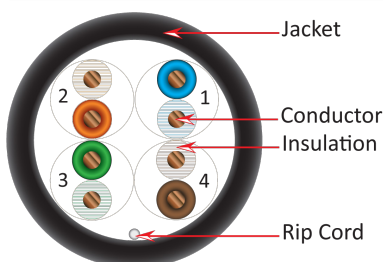
Before Tensile Strength (Mpa): ≥ 13.8 MPa
Elongation After Aging (%): ≥ 100
Aging Conditions ($^{\circ}\text{C} \times \text{h}$): 100x168
Tensile Strength After Aging (Mpa): $\geq 85\%$ of unaged
Elongation After Aging (%): $\geq 50\%$ of unaged
Cold Bend ($-40 \pm 2^{\circ}\text{C} \times 4\text{hrs}$): No Crack

SAFETY

FPA 70 (NEC®) fire rating: CMX

ENVIRONMENTAL

Operating temperature: -40°F – 167°F (-40°C – 75°C)
Weight: 20 lb (9.1 kg)



VERTICAL CABLE

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800.749.2447 Florida

845.391.8318 New York

verticalcable.com

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Subject to change without notice.