



DESCRIPTION

350 MHz CAT5E Outdoor Aerial Cable, UV-Resistant Jacket / CMX / Messenger, 4 Twisted Pairs (F/UTP) 8 24-AWG Solid Bare Copper Conductors. 1000 ft.

FEATURES

- Supports 10/100/1000BASE-T applications
- Outdoor UV-resistant
- Galvanized Steel Messenger for Support protects from EMI/RFI
- 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 AERIAL CABLE CMX / UV-RESISTANT / MESSENGER 24 AWG 8 CONDUCTOR (F/UTP)

059-498/S/MESG

TRANSMISSION PERFORMANCE

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

CONSTRUCTION

Pairs:	4
Conductors:	8
Rip Cord:	1
PE Tape:	1
Drain Wire (Tinned Copper):	0.016 in. (0.40 mm)
Screen:	Foiled (F/UTP)

CONDUCTORS

Material:	Solid Bare Annealed Copper
Size:	24 AWG

INSULATION

Material:	PE
Diameter:	0.04 in. (0.91 mm)
Average thickness:	0.0090 in (0.23 mm)
Min. point thickness:	0.0082 in. (0.21 mm)
Color coding:	Pair 1: White-Blue/Blue Pair 2: White-Orange/Orange Pair 3: White-Green/Green Pair 4: White-Brown/Brown

MESSENGER

Material:	Galvanized Steel
Diameter:	0.05 in. (1.30 mm)

JACKET

Material:	Linear Low Density Polyethylene (LLDPE)
Outdoor rating:	UV-resistant
Outer diameter:	0.36 in. (9.10 mm)
Average thickness:	0.0314 in. (0.80 mm)
Min. point thickness:	0.0299 in. (0.76 mm)
Marking:	VERTICAL 4001453 cETLus VERIFIED CMX STP 4PR 24AWG OUTDOOR UV CAT5E 350MHz ANSI/TIA-568.2-D RoHS XXXXFT

ELECTRICAL

Voltage rating:	60 VRMS
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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° Cx4hrs):	No Crack

SAFETY

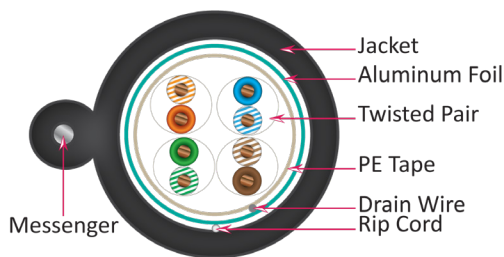
FPA 70 (NEC®) fire rating:	CMX
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ENVIRONMENTAL

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

40 lb



VERTICAL CABLE

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verticalcable.com

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Subject to change without notice.