

CAT5E DIRECT BURIAL CABLE

CMX / WATERPROOF / UV-RESISTANT

24 AWG 8 CONDUCTOR (F/UTP)



DESCRIPTION

350 MHz CAT5E, Waterproof Outdoor Dual Jacket, Direct Burial / CMX / Shielded, 4 Twisted Pairs (F/UTP) 8 24-AWG Solid Bare Copper Conductors. 1000 ft.

FEATURES

- Supports 10/100/1000BASE-T applications
- Outdoor UV-resistant / Waterproof jacket
- Direct Burial / Shielded
- 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



059-490/WS/CMXT

TRANSMISSION PERFORMANCE

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

CONSTRUCTION

Pairs: 4
Conductors: 8
Rip Cord: 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: 0.0078 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

INNER JACKET (GRAY)

Material: Polyvinyl Chloride (PVC)
Outer diameter: 0.19 in. (4.80 mm)
Average thickness: 0.0157 in. (0.40 mm)
Min. point thickness: 0.0141 in. (0.36 mm)

OUTER JACKET (BLACK)

Material: Low Smoke Zero Halogen (LSZH)
Outdoor rating: UV-resistant
Outer diameter: 0.24 in. (6.20 mm)
Average thickness: 0.0236 in. (0.60 mm)
Min. point thickness: 0.0212 in. (0.54 mm)
Marking: VERTICAL 4001453 cETLus VERIFIED CMX F/UTP 4PR 24AWG OUTDOOR DIRECT BURIAL UV LSZH CAT5E 350MHz ANSI/TIA-568.2-D RoHS XXXXFT

ELECTRICAL

Voltage rating: 60 VRMS

MECHANICAL

Before Tensile Strength (Mpa): ≥ 13.8 MPa
Elongation After Aging (%): ≥ 100
Aging Conditions ($^{\circ}$ C \times h): 100x168
Tensile Strength After Aging (Mpa): $\geq 85\%$ of unaged
Elongation After Aging (%): $\geq 50\%$ of unaged
Cold Bend ($-40 \pm 2^{\circ}$ Cx4hrs): No Crack

SAFETY

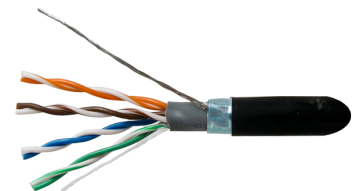
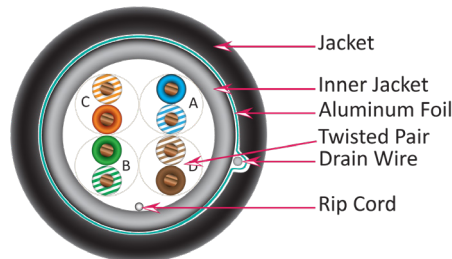
FPA 70 (NEC®) fire rating: CMX

ENVIRONMENTAL

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

WEIGHT

34.5 lb (15.6 kg)



VERTICAL CABLE

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713.322.7242 Texas



verticalcable.com

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Subject to change without notice.