

# CAT5E OUTDOOR CABLE

## CMX / UV-RESISTANT

### 24 AWG 8 CONDUCTOR (UTP)



## 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



## 059-488/WS/CMX

### 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: 0.0082 in. (0.21 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: 0.02 in. (0.60 mm)  
Marking: VERTICAL 4001453 cETLus VERIFIED CMX UTP 4PR 24AWG  
OUTDOOR UV CAT5E 350MHz ANSI/TIA-568.2-D RoHS XXXXF7

### ELECTRICAL

Voltage rating: 60 V<sub>RMS</sub>

### MECHANICAL

Before Tensile Strength (Mpa):  $\geq 13.8$  MPa  
Elongation After Aging (%):  $\geq 100$   
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

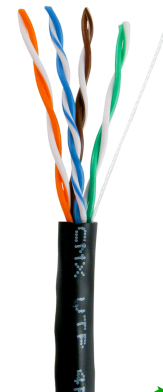
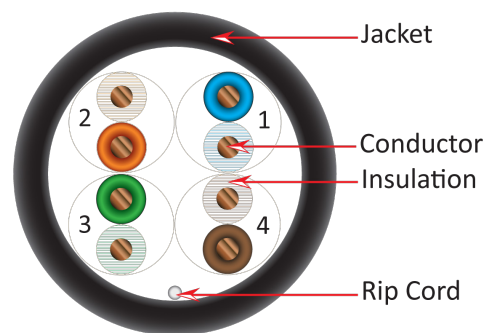
FPA 70 (NEC®) fire rating: CMX

### ENVIRONMENTAL

Operating temperature:  $-40^{\circ}\text{F}$ – $167^{\circ}\text{F}$  ( $-40^{\circ}\text{C}$ – $75^{\circ}\text{C}$ )

### WEIGHT

22 lb (10 kg)



**VERTICAL CABLE**

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Rev. 1/2024  
Subject to change without notice.