



# CAT6 DIRECT BURIAL CABLE CMX / UV-RESISTANT 23 AWG 8 CONDUCTOR (UNSHIELDED)

## Description Features :

- Supports 10/100/1000BASE-T applications
- Fast Ethernet and 155 Mbps TP-PMD/CDDI
- Outdoor UV-resistant
- Direct burial rated
- 550 MHz bandwidth supporting a 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
- Compliant with CAN/CSA-C22.2 No. 214 and RoHS
- ETL Listed



## ADDRESS

957 Highams CT.

Woodbridge, VA 22191

## TRANSMISSION PERFORMANCE

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

## CONSTRUCTION

Pairs: 4  
Conductors: 8  
Rip Cord: Nylon  
Separator Material: Polyvinyl Chloride (PVC)  
Screen: Unscreened (UTP)

## CONDUCTORS

Material: Solid Bare Annealed Copper  
Size: 23 AWG

## INSULATION

Diameter: 0.0397 in. (1.01 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

## JACKET

Material: Linear Low Density Polyethylene (LLDPE)  
Outdoor rating: UV-resistant  
Outer diameter: 0.24 in. (6.10 mm)  
Average thickness: 0.0236 in. (0.60 mm)

## ELECTRICAL

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

## MECHANICAL

Before Tensile Strength (Mpa): ≥13.8 MPa  
Elongation After Aging (%): ≥100  
Aging Conditions (°C × h): 100×168  
Tensile Strength After Aging (Mpa): ≥85% of unaged  
Elongation After Aging (%): ≥50% of unaged  
Cold Bend (-40±2°C×4hrs): No Crack

## SAFETY

FPA 70 (NEC®) fire rating: CMX

## ENVIRONMENTAL

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

## WEIGHT

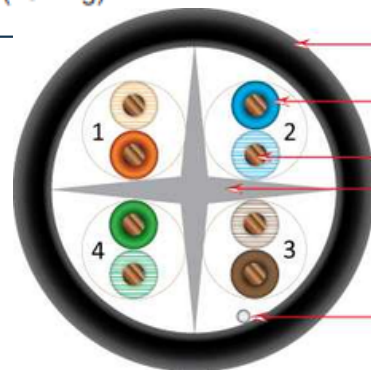
29.1 lb (13.2 kg)

## CONTACT US

### ETEK CABLES

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Intertek

