

## Features

**High-Performance Data Communications Cable  
Cat 5E Outdoor Direct Burial, UV Rated, Outside Plant  
Suitable for 350MHz High-Speed Data Applications,  
Gigabit Ethernet, Fast Ethernet and 155Mbps TP-  
PMD/CDDI**

**Designed for Outdoor Installations UV Jacket (UV)  
Category-5E Aluminum Foil Shielded w/ Unshielded  
Twisted Pairs (SF/UTP) Cable**

**4-Pair – Easily Identified Color-Striped Pairs**

**24 AWG Solid Bare Copper Conductors**

**Excellent Attenuation and Crosstalk Characteristics  
Exceeds TIA 568C.2, ISO/IEC 11801, and YD/T1019  
specifications**

**Sequential Length Markings on Jacket**

**Supplied in 1000' Wooden Spool**

**Drain Wire**

## Specifications

### Physical Construction

#### Electrical Characteristics

##### Conductor

Solid Bare Copper

##### Impedance 200-600MHz

$100\Omega \pm 15$

##### Conductor Size

24 AWG

##### Capacitance Unbalance

$\leq 330$  (pF/100m)

##### Conductor Jacket Material

HDPE

##### 1-100MHz Delay Skew 20°C

$\leq 45$  (ns/100m)

##### Conductor Jacket Diameter

$1.00 \pm 0.30$ mm

##### Resistance Unbalance

5%

##### Outer Jacket Material

LDPE

##### DC Resistance 20°C

9.5 ( $\Omega/100m$ )

**Outer Jacket OD**

6.8mm  $\pm$  0.5mm

**Installation Temp. Range**

-30-50C

**Outer Jacket Thickness**

0.60mm  $\pm$  0.05mm

**Op. Temp. Range**

-20~50C

**Shielding Inner Material**

Aluminum Foil

**Shield Braiding**

Tinned Copper 0.10mm

**Shield Braid Coverage**

40%

**Drain Wire**

Yes

**Max. Operating Voltage**

70V

**Additional Information**

**Standards**

ETL | ANSI | TIA | EIA | ISO | IEC | YD/T1019

**Applications**

High-Performance Data Communications Cable