

Ethernet Cable, Cat6, Outdoor  
UV, FTP (Shielded Twisted Pair),  
304.8 m, 1000 ft.

**RoHS  
Compliant**

Stock No.: CAT6-3041U-FTP-B

**FEATURES**

- CMX
- FTP
- 23 AWG
- Solid Copper



**Product Description**

1 and 5 Gigabit (5GBASE-T) speeds up to 328 feet. Bandwidth tested up to 550 MHz. Supports PoE/PoE+/PoE++ (IEEE 802.3af/at/bt) 4PPoE up to 90W. Solid Copper Conductors ANSI/TIA 568 2.D, RoHS-3 compliant and cETLus certified. Bare copper is superior conductor material for data transmission and PoE use.

**General Specifications**

Attribute	Value
Terminated/Unterminated	Unterminated
Connector Type	RJ45
Cable Type	Ethernet
Length	304.8m
Gauge	23 AWG
Conductor	Bare Copper
Shield/Unshielded	Shielded
Voltage Rating	300V
1.0 - 550MHz Impedance (Ω)	100 ± 15
Maximum Operating Frequency	550MHz
Operating & Storage Temp.	-40°C to 75°C   -40°F to 167°F
Installation Temp.	-20°C to 75°C   -4°F to 167°F
Jacket Color	Black

## Product Drawing

### Technical Data

#### Insulation

Insulation	PE
Average Thickness (mm)	0.275
Min Point Thickness (mm)	0.253
<b>Conductor Insulation Dia. (<math>\pm 0.02\text{mm}</math>)</b>	<b>1.12</b>
Twisted Pair Dia. ( $\pm 0.02\text{mm}$ )	2.24
Ripcord	Nylon
Spline	PE
Polyethylene Tape	Present
Shielding	F/UTP
Drain Wire - Solid Tinned Copper (mm)	0.40
Water Resistance	Jacket Only

#### Conductor

Conductor	Solid Bare Copper
Size	23AWG
Conductor Dia. ( $\pm 0.05\text{mm}$ )	0.57

#### Standards Reference

UL-444 /  
cETLus

ANSI/TIA  
568-2.D

ISO/IEC  
11801

#### Color of Pairs

Pair 1	Blue- White/Blue
Pair 2	Orange- White/Orange
Pair 3	Green- White/Green
Pair 4	Brown- White/Brown

#### Cable Jacket

Cable Jacket	LLDPE
Average Thickness (mm)	0.55
Min. Point Thickness (mm)	0.50
<b>Outer Diameter (<math>\pm 0.2\text{mm}</math>)</b>	<b>7.20</b>



Dimensions: Millimeters (Inches)

### Part Number Table

Part Number	Description
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