

Ethernet Cable, Cat6A, Direct Burial, UTP, 304.8 m, 1000 ft.

RoHS  
Compliant

Stock No.: CAT6A-3041D-UTP-B

## FEATURES

- CMX
- UTP
- 23 AWG
- Solid Copper



## Product Description

1 and 10 Gigabit (10GBASE-T) speeds up to 328 feet. Bandwidth tested up to 750 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	Unshielded
Voltage Rating	300V
1.0 - 550MHz Impedance ( $\Omega$ )	100 $\pm$ 15
Maximum Operating Frequency	750MHz
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	PE
Average Thickness (mm)	0.213
Min Point Thickness (mm)	0.196
<b>Conductor Insulation Dia. (<math>\pm 0.02\text{mm}</math>)</b>	<b>1.01</b>
Twisted Pair Dia. ( $\pm 0.02\text{mm}$ )	2.02
Ripcord	Nylon
Spline	PE
Polyethylene Tape	Present
Shielding	U/UTP
Water Resistance	Jacket & Dry Tape

Conductor	Solid Bare Copper
Size	23AWG
Conductor Dia. ( $\pm 0.05\text{mm}$ )	0.585

#### Standards Reference

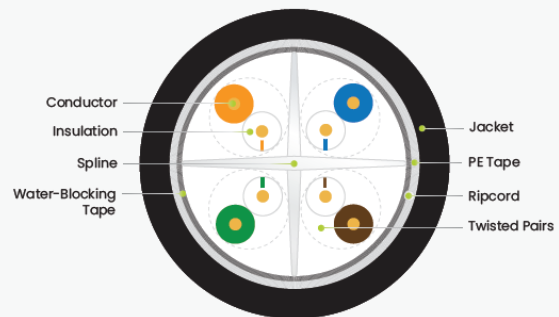
UL-444 / cETLus

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	LLDPE
Average Thickness (mm)	0.60
Min. Point Thickness (mm)	0.55
<b>Outer Diameter (<math>\pm 0.2\text{mm}</math>)</b>	<b>6.80</b>



Dimensions: Millimeters (Inches)

### Part Number Table

Part Number	Description
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