

Ethernet Cable, Cat6, Gel Filled Direct Burial, UTP (Unshielded Twisted Pair), 304.8 m, 1000 ft.

**RoHS
Compliant**

Stock No.: CAT6-3041G-UTP-B

FEATURES

- CMX
- UTP
- 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 100W. 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 (Ω)	100 \pm 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	PE
Average Thickness (mm)	0.22
Min Point Thickness (mm)	0.2
Conductor Insulation Dia. ($\pm 0.02\text{mm}$)	1.01
Twisted Pair Dia. ($\pm 0.02\text{mm}$)	2.02
Ripcord	Nylon
Spline	PE
Polyethylene Tape	Not Present
Shielding	U/UTP
Water Resistance	Jacket & Gel Filling**

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

Standards Reference

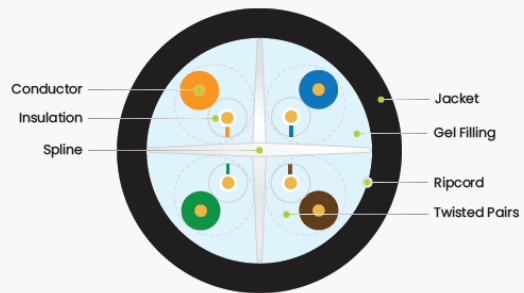
UL-444 / cETLus

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	LLDPE
Average Thickness (mm)	0.60
Min. Point Thickness (mm)	0.55
Outer Diameter ($\pm 0.2\text{mm}$)	6.20



** Gel Filling is non-toxic and non-flammable. SDS sheet available upon request.

Dimensions: Millimeters (Inches)

Part Number Table

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