

**Ethernet Cable, Cat6, Outdoor
UV, UTP, 304.8 m, 1000 ft.**

**RoHS
Compliant**

Stock No.: CAT6-3041U-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 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 (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) | 0.20 |
| Conductor Insulation Dia. ($\pm 0.02\text{mm}$) | 1.01 |
| Twisted Pair Dia. ($\pm 0.02\text{mm}$) | 2.02 |
| Ripcord | Nylon |
| Spline | Present |
| Polyethylene Tape | Not Present |
| Shielding | U/UTP |
| Water Resistance | Jacket Only |

| 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 ($\pm 0.2\text{mm}$) | 6.30 |



Dimensions: Millimeters (Inches)

Part Number Table

| Part Number | Description |
|------------------|---|
| CAT6-3041U-UTP-B | Ethernet Cable, Cat6, Outdoor, UV, UTP, 304.8 m, 1000 ft. |

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