

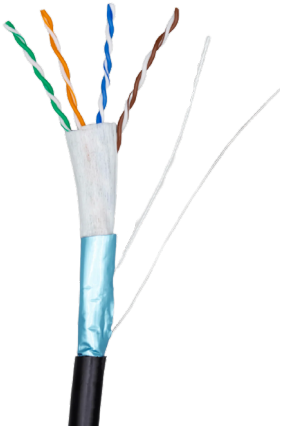
Ethernet Cable, Cat5e, Direct Burial, FTP (Shielded Twisted Pair), 304.8 m, 1000 ft.

**RoHS
Compliant**

Stock No.: CAT5-3041D-FTP-B

FEATURES

- CMX
- FTP
- 24 AWG
- Solid Copper



Product Description

1 and 2.5 Gigabit (2.5GBASE-T) speeds up to 328 feet. Bandwidth tested up to 350 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 | 24 AWG |
| Conductor | Bare Copper |
| Shield/Unshielded | Shielded |
| Voltage Rating | 300V |
| 1.0 - 550MHz Impedance (Ω) | 100 ± 15 |
| Maximum Operating Frequency | 350MHz |
| 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) | 0.228 |
| Min Point Thickness (mm) | 0.205 |
| Conductor Insulation Dia. ($\pm 0.02\text{mm}$) | 0.97 |
| Twisted Pair Dia. ($\pm 0.02\text{mm}$) | 1.94 |
| Ripcord | Nylon |
| Spline | Not Present |
| Polyethylene Tape | Present |
| Shielding | F/UTP |
| Drain Wire - Solid Tinned Copper (mm) | 0.40 |
| Water Resistance | Jacket & Dry Tape |

Conductor

Solid Bare Copper

| | |
|--|-------|
| Size | 24AWG |
| Conductor Dia. ($\pm 0.05\text{mm}$) | 0.515 |

Standards Reference

UL-444 /
cETLus

ANSI/TIA
568-2.D

ISO/IEC
11801

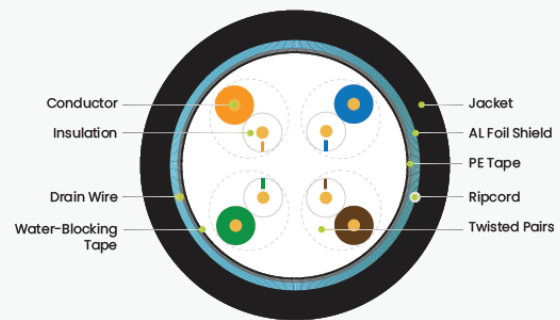
Color of Pairs

| | |
|--------|----------------------|
| 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) | 0.54 |
| Outer Diameter ($\pm 0.2\text{mm}$) | 6.80 |



Dimensions: Millimeters (Inches)

Part Number Table

| Part Number | Description |
|------------------|--|
| CAT5-3041D-FTP-B | Ethernet Cable, Cat5e, Direct Burial, FTP (Shielded Twisted Pair), 304.8 m, 1000 ft. |

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