# CO17772

## Category 5e F/UTP Patch Cord, RJ45 to RJ45, 4-pair, LSZH

## Product Classification

| | |
|---|---|
| **Regional Availability** | EMEA   |   Latin America |
| **Portfolio** | CommScope® |
| **Product Type** | Twisted pair patch cord |
| **Product Series** | CO |
| **Ordering Note** | Cords < 1 m are valid elements for use in a channel or as an equipment interconnect but due to their limited length are not guaranteed to meet component compliance requirements that were developed to assess the quality of longer cords   |   Cords > 1 m are authorized for use in channels and are an effective standalone method used to connect active devices |

## General Specifications

| | |
|---|---|
| **ANSI/TIA Category** | 5e |
| **Cable Type** | F/UTP (shielded) |
| **Conductor Type** | Stranded |
| **Interface, Connector A** | RJ45 plug |
| **Interface Feature, connector A** | Standard |
| **Interface, Connector B** | RJ45 plug |
| **Interface Feature, connector B** | Standard |
| **Jacket Color** | Black   |   Blue   |   Green   |   Orange   |   Red   |   Slate   |   White   |   Yellow |
| **Pairs, quantity** | 4 |
| **Transmission Standards** | IEEE 802.3bt Type 4 |
| **Wiring** | T568B |

## Dimensions

| | |
|---|---|
| **Cable Assembly Length Range (m)** | 1 – 30 |
| **Cable Assembly Length Range (ft)** | 1 – 100 |

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| | |
|---|---|
| **Cable Assembly Length Range (cm)** | 15 – 999 |
| **Cable Assembly Length Range (in)** | 6 – 999 |
| **Diameter Over Jacket** | 5.59 mm | 0.22 in |
| **Compatible Conductor Gauge, stranded** | 26 AWG |

## Wiring Diagram

| | Connector A | Connector B |
|---|---|---|
| Position 1 | White/Orange | White/Orange |
| Position 2 | Orange | Orange |
| Position 3 | Lt. Green | Lt. Green |
| Position 4 | Blue | Blue |
| Position 5 | Lt. Blue | Lt. Blue |
| Position 6 | Green | Green |
| Position 7 | Lt. Brown | Lt. Brown |
| Position 8 | Brown | Brown |

## Electrical Specifications

| | |
|---|---|
| **dc Resistance, maximum** | 0.3 ohm |
| **Safety Voltage Rating** | 300 V |

## Ordering Tree

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| CO | | | | | - | 0 | 1 | F | | 0 | 5 | 0 | |

Positions: 9 10 11 12

**Outlet Color (9)**

| 0 | Not applicable |
| 1 | Black |
| 2 | Blue |
| 3 | Gray |
| 4 | Green |
| 5 | Ivory |
| 6 | Orange |
| 7 | Red |
| 8 | White |
| 9 | Yellow |
| B | Lilac |

**Jacket Color (10)**

| 1 | Black |
| 2 | Light blue |
| 3 | Dark gray |
| 4 | Spring green |
| 5 | Ivory |
| 6 | Orange |
| 7 | Red |
| 8 | White |
| 9 | Yellow |
| B | Lilac |
| C | Gray |
| K | Pink |
| L | Violet |
| M | Green |
| Z | Blue |

**UOM (11)**

| F | Foot |
| M | Meter |
| N | Inch |
| C | Centimeter |

**Length (12)**

| XXX |

**Notes**

- Cords > 1m are authorized for use in channels and are an effective standalone method used to connect active devices

- Cords < 1m are also valid elements for use in a channel or as an equipment interconnect but due to their limited length are not guaranteed to meet component compliance requirements that were developed to assess the quality of longer cords

## Material Specifications

| **Contact Plating Material** | Gold in remating area  |  Nickel underplating |
| **Material Type** | Phosphor Bronze  |  Polycarbonate |

## Mechanical Specifications

| **Plug Insertion Life, minimum** | 750 times |
| **Plug Retention Force, minimum** | 133 N  |  29.9 lbf |

## Environmental Specifications

| **Operating Temperature** | -10 °C to +60 °C (+14 °F to +140 °F) |
| **Environmental Space** | Low Smoke Zero Halogen (LSZH) |
| **Flammability Rating** | IEC 60332-3-22  |  IEC 61034-2 |
| **Safety Standard** | ETL  |  cETL |

## Packaging and Weights

| **Packaging quantity** | 1 |

## Regulatory Compliance/Certifications

| Agency | Classification |
| --- | --- |
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system |

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