CommScope® Cat 5e U/UTP RJ45 Patch Cord, Non-Plenum

Product Classification

**Regional Availability**
- Asia
- Australia/New Zealand
- Latin America
- North America

**Portfolio**
CommScope®

**Product Type**
Twisted pair patch cord

**Product Series**
CHD | 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**
U/UTP (unshielded)

**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
Cable Assembly Length Range (cm) 15 – 999
Cable Assembly Length Range (in) 6 – 999
Diameter Over Jacket 5.36 mm | 0.211 in
Compatible Conductor Gauge, stranded 24 AWG

Wiring Diagram

<table>
<thead>
<tr>
<th>Position 1</th>
<th>Connector A</th>
<th>Connector B</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>White/Orange</td>
<td>White/Orange</td>
</tr>
<tr>
<td>Position 2</td>
<td>Orange</td>
<td>Orange</td>
</tr>
<tr>
<td>Position 3</td>
<td>Lt. Green</td>
<td>Lt. Green</td>
</tr>
<tr>
<td>Position 4</td>
<td>Blue</td>
<td>Blue</td>
</tr>
<tr>
<td>Position 5</td>
<td>Lt. Blue</td>
<td>Lt. Blue</td>
</tr>
<tr>
<td>Position 6</td>
<td>Green</td>
<td>Green</td>
</tr>
<tr>
<td>Position 8</td>
<td>Brown</td>
<td>Brown</td>
</tr>
</tbody>
</table>

Electrical Specifications

dc Resistance, maximum 0.3 ohm
Safety Voltage Rating 300 V

Ordering Tree
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**
- Non-plenum

**Flammability Rating**
- CM

**Safety Standard**
- ETL
- cETL

Packaging and Weights

**Packaging quantity**
- 1

Regulatory Compliance/Certifications

**Agency**
- ISO 9001:2015

**Classification**
- Designed, manufactured and/or distributed under this quality management system