CommScope Cat 6, UTP, Outdoor Patch Cord

Product Classification

Regional Availability
Asia | Australia/New Zealand | EMEA | Latin America | North 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
6

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

Pairs, quantity
4

Transmission Standards
IEEE 802.3bt Type 4

Wiring
T568B

Dimensions

Cable Assembly Length Range (m)
1 – 100
Cable Assembly Length Range (ft) 1 – 328
Diameter Over Jacket 6.3 mm | 0.248 in
Compatible Conductor Gauge, solid 24 AWG

Wiring Diagram

<table>
<thead>
<tr>
<th>Position</th>
<th>Connector A</th>
<th>Connector B</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>White/Orange</td>
<td>White/Orange</td>
</tr>
<tr>
<td>2</td>
<td>Orange</td>
<td>Orange</td>
</tr>
<tr>
<td>3</td>
<td>Lt. Green</td>
<td>Lt. Green</td>
</tr>
<tr>
<td>4</td>
<td>Blue Green</td>
<td>Blue</td>
</tr>
<tr>
<td>5</td>
<td>Lt. Blue</td>
<td>Lt. Blue</td>
</tr>
<tr>
<td>6</td>
<td>Green</td>
<td>Green</td>
</tr>
<tr>
<td>7</td>
<td>Lt. Brown</td>
<td>Lt. Brown</td>
</tr>
<tr>
<td>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
Jacket Material: Low Smoke Zero Halogen (LSZH)
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: -40 °C to +60 °C (-40 °F to +140 °F)
Environmental Space: Outdoor
Flammability Rating: CM-LS
Safety Standard: ETL | cETL

Packaging and Weights

Packaging quantity: 1

Regulatory Compliance/Certifications

Agency: CHINA-ROHS
Classification: Below maximum concentration value
ISO 9001:2015  Designed, manufactured and/or distributed under this quality management system
REACH-SVHC  Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS  Compliant