CommScope CAT 6A, F/UTP, Outdoor Rated Patch Cord

**Product Classification**

<table>
<thead>
<tr>
<th>Regional Availability</th>
<th>Asia</th>
<th>Australia/New Zealand</th>
<th>EMEA</th>
<th>Latin America</th>
<th>North America</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Portfolio</strong></td>
<td>CommScope®</td>
<td></td>
<td></td>
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</tr>
<tr>
<td><strong>Product Type</strong></td>
<td>Twisted pair patch cord</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Product Series</strong></td>
<td>CO</td>
<td></td>
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</tbody>
</table>

**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**

<table>
<thead>
<tr>
<th><strong>ANSI/TIA Category</strong></th>
<th>6A</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cable Type</strong></td>
<td>F/UTP (shielded)</td>
</tr>
<tr>
<td><strong>Conductor Type</strong></td>
<td>Solid</td>
</tr>
<tr>
<td><strong>Interface, Connector A</strong></td>
<td>RJ45 plug</td>
</tr>
<tr>
<td><strong>Interface Feature, connector A</strong></td>
<td>Standard</td>
</tr>
<tr>
<td><strong>Interface, Connector B</strong></td>
<td>RJ45 plug</td>
</tr>
<tr>
<td><strong>Interface Feature, connector B</strong></td>
<td>Standard</td>
</tr>
<tr>
<td><strong>Jacket Color</strong></td>
<td>Black</td>
</tr>
<tr>
<td><strong>Pairs, quantity</strong></td>
<td>4</td>
</tr>
<tr>
<td><strong>Transmission Standards</strong></td>
<td>ANSI/TIA-568-C.2</td>
</tr>
<tr>
<td><strong>Wiring</strong></td>
<td>T568B</td>
</tr>
</tbody>
</table>

**Dimensions**

<table>
<thead>
<tr>
<th><strong>Cable Assembly Length Range (m)</strong></th>
<th>1 – 100</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cable Assembly Length Range (ft)</strong></td>
<td>1 – 328</td>
</tr>
</tbody>
</table>
Diameter Over Jacket 7.11 mm | 0.28 in
Compatible Conductor Gauge, solid 24 AWG | 24 AWG

Wiring Diagram

| Position 1 | Connector A | 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 8 | Brown | Brown |

Electrical Specifications

dc Resistance, maximum 0.3 ohm
Safety Voltage Rating 300 V

Ordering Tree

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

Jacket Color
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

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

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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
- ISO 9001:2015
- REACH-SVHC
- ROHS
- UK-ROHS

**Classification**
- Below maximum concentration value
- Designed, manufactured and/or distributed under this quality management system
- Compliant as per SVHC revision on www.commscope.com/ProductCompliance
- Compliant
- Compliant