### General Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ANSI/TIA Category</strong></td>
<td>5e</td>
</tr>
<tr>
<td><strong>Cable Type</strong></td>
<td>U/UTP (unshielded)</td>
</tr>
<tr>
<td><strong>Conductor Type</strong></td>
<td>Stranded</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>IEEE 802.3bt Type 4</td>
</tr>
<tr>
<td><strong>Wiring</strong></td>
<td>T568B</td>
</tr>
</tbody>
</table>

**Dimensions**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Description</th>
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<tbody>
<tr>
<td><strong>Cable Assembly Length Range (m)</strong></td>
<td>1 – 30</td>
</tr>
</tbody>
</table>
Cable Assembly Length Range (ft)  1 – 100
Cable Assembly Length Range (cm)  15 – 999
Cable Assembly Length Range (in)  6 – 999
Diameter Over Jacket  5.72 mm  |  0.225 in
Compatible Conductor Gauge, stranded  24 AWG

Wiring Diagram

Electrical Specifications

dc Resistance, maximum  0.3 ohm
Safety Voltage Rating  300 V

Ordering Tree
Material Specifications

Contact Plating Material
Precious metals

Material Type
Copper alloy | 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
UL 94 V-0

Safety Standard
Anatel | 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