MRJ21™ High Speed Cable Assembly, MRJ21-MRJ21, 180°–180°, 1GbE, 24-pair, U/F/UTP, 18 m

- Universal modular copper cabling platform for applications such as Gigabit Ethernet, VoIP and Power over Ethernet
- Increased I/O port density and cleaner cabling schemes compared to RJ45 connectors and cabling
- Robust die cast cable covers provide straight, or 45 deg left/right cable exit for ease of routing

Product Classification

Regional Availability
- Asia
- Australia/New Zealand
- EMEA

Portfolio
CommScope®

Product Type
Copper trunk cable assembly

Product Brand
MRJ21™

Product Series
MRJ21

General Specifications

ANSI/TIA Category
6

Application
Ethernet, 1 GbE

Cable Type
F/UTP (shielded)

Conductor Type
Solid

Construction Type
Stranded

Interface, Connector A
MRJ21 plug

Interface Feature, connector A
Backshell, 180°

Interface, Connector B
MRJ21 plug

Interface Feature, connector B
Backshell, 180°

Jacket Color
White

Pairs, quantity
24

Total Ports, quantity
6

Dimensions

Cord Length
18 m | 59.055 ft

Diameter Over Jacket
16 mm | 0.63 in

Compatible Conductor Gauge, solid
24 AWG

Electrical Specifications
<table>
<thead>
<tr>
<th><strong>Safety Voltage Rating</strong></th>
<th>150 V</th>
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</thead>
<tbody>
<tr>
<td><strong>Material Specifications</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Conductor Material</strong></td>
<td>Bare copper</td>
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<tr>
<td><strong>Environmental Specifications</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Operating Temperature</strong></td>
<td>-40 °C to +70 °C (-40 °F to +158 °F)</td>
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<tr>
<td><strong>Environmental Space</strong></td>
<td>Low Smoke Zero Halogen (LSZH)</td>
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<tr>
<td><strong>Packaging and Weights</strong></td>
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<tr>
<td><strong>Packaging quantity</strong></td>
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<tr>
<td><strong>Regulatory Compliance/Certifications</strong></td>
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<tr>
<td><strong>Agency</strong></td>
<td><strong>Classification</strong></td>
</tr>
<tr>
<td>CHINA-ROHS</td>
<td>Below maximum concentration value</td>
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<td>REACH-SVHC</td>
<td>Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a></td>
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<tr>
<td>ROHS</td>
<td>Compliant</td>
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