MRJ21™ High Speed Cable Assembly, MRJ21-MRJ21, 180°–180°, 1GbE, 24-pair, U/F/UTP, 13 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

Portfolio  
CommScope®

Brand  
MRJ21™

Product Series  
MRJ21

Product Type  
Copper trunk cable assembly

Regional Availability  
Asia  |  Australia/New Zealand  |  EMEA

Dimensions

Cord Length  
13.00 m  |  42.65 ft

Diameter Over Jacket  
16.00 mm  |  0.63 in

Electrical Specifications

ANSI/TIA Category  
6

Safety Voltage Rating  
150 V

Environmental Specifications

Environmental Space  
Low Smoke Zero Halogen (LSZH)

Operating Temperature  
-40 °C to +70 °C (-40 °F to +158 °F)

General Specifications

Construction Type  
Stranded

Interface, connector A  
MRJ21 plug

Interface, connector B  
MRJ21 plug

Application  
Ethernet, 1 GbE

Cable Type  
F/UTP (shielded)

Interface Feature, connector A  
Backshell, 180°

Interface Feature, connector B  
Backshell, 180°

Jacket Color  
White

Package Quantity  
1

Pairs, quantity  
24

Total Ports, quantity  
6
### Mechanical Specifications

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conductor Gauge, solid</td>
<td>24 AWG</td>
</tr>
<tr>
<td>Conductor Material</td>
<td>Bare copper</td>
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<tr>
<td>Conductor Type</td>
<td>Solid</td>
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</tbody>
</table>

### Regulatory Compliance/Certifications

<table>
<thead>
<tr>
<th>Agency</th>
<th>Classification</th>
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<tbody>
<tr>
<td>RoHS 2011/65/EU</td>
<td>Compliant</td>
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