MRJ21™ High Speed Cable Assembly, MRJ21-MRJ21, 180°–180°, 1GbE, 24-pair, U/F/UTP, 16 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
- 16 m | 52.493 ft

Diameter Over Jacket
- 16 mm | 0.63 in

Compatible Conductor Gauge, solid
- 24 AWG

Electrical Specifications
Safety Voltage Rating 150 V

Material Specifications

Conductor Material Bare copper

Environmental Specifications

Operating Temperature -40 °C to +70 °C (-40 °F to +158 °F)
Environmental Space Low Smoke Zero Halogen (LSZH)

Packaging and Weights

Packaging quantity 1

Regulatory Compliance/Certifications

<table>
<thead>
<tr>
<th>Agency</th>
<th>Classification</th>
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<tbody>
<tr>
<td>CHINA-ROHS</td>
<td>Below maximum concentration value</td>
</tr>
<tr>
<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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