



MRJ21™ High Speed Cable Assembly, MRJ21 to MRJ21, 180°-180° 1GbE, 24-pair, CMR, 85 m, gray

- 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

OBSOLETE

This product was discontinued on: June 1, 2022

Product Classification

|                       |                               |
|-----------------------|-------------------------------|
| Regional Availability | Latin America   North America |
| 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                   | Gray             |
| Pairs, quantity                | 24               |
| Total Ports, quantity          | 6                |

Dimensions

|                                   |                   |
|-----------------------------------|-------------------|
| Cord Length                       | 85 m   278.871 ft |
| Diameter Over Jacket              | 13 mm   0.512 in  |
| Compatible Conductor Gauge, solid | 24 AWG            |

Electrical Specifications

|                       |       |
|-----------------------|-------|
| Safety Voltage Rating | 150 V |
|-----------------------|-------|

Material Specifications

|                    |             |
|--------------------|-------------|
| Conductor Material | Bare copper |
|--------------------|-------------|

Environmental Specifications

|                       |                                      |
|-----------------------|--------------------------------------|
| Operating Temperature | -10 °C to +60 °C (+14 °F to +140 °F) |
| Environmental Space   | Riser                                |
| Flammability Rating   | CM                                   |
| Safety Standard       | cUL                                  |

Packaging and Weights

|                    |   |
|--------------------|---|
| Packaging quantity | 1 |
|--------------------|---|

Regulatory Compliance/Certifications

| Agency     | Classification  |
|------------|---|
| CHINA-ROHS | Below maximum concentration value   |
| REACH-SVHC | Compliant as per SVHC revision on <a href="https://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a> |
| ROHS       | Compliant   |
| UK-ROHS    | Compliant   |

