



MRJ21™ High Speed Cable Assembly, MRJ21-MRJ21, 180°–180°, 1GbE, 24-pair, U/F/UTP, 41 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

OBSOLETE
This product was discontinued on: June 1, 2022

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 |

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Dimensions

| | |
|--|-------------------|
| Cord Length | 41 m 134.514 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

| Agency | Classification |
|------------|---|
| CHINA-ROHS | Below maximum concentration value |
| REACH-SVHC | Compliant as per SVHC revision on www.commscope.com/ProductCompliance |
| ROHS | Compliant |
| UK-ROHS | Compliant |

