



## 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

### OBSOLETE

This product was discontinued on: June 1, 2022

## Product Classification

|                              |                                     |
|------------------------------|-------------------------------------|
| <b>Regional Availability</b> | Asia   Australia/New Zealand   EMEA |
| <b>Portfolio</b>             | CommScope®                          |
| <b>Product Type</b>          | Copper trunk cable assembly         |
| <b>Product Brand</b>         | MRJ21™                              |
| <b>Product Series</b>        | MRJ21                               |

## General Specifications

|                                       |                  |
|---------------------------------------|------------------|
| <b>ANSI/TIA Category</b>              | 6                |
| <b>Application</b>                    | Ethernet, 1 GbE  |
| <b>Cable Type</b>                     | F/UTP (shielded) |
| <b>Conductor Type</b>                 | Solid            |
| <b>Construction Type</b>              | Stranded         |
| <b>Interface, Connector A</b>         | MRJ21 plug       |
| <b>Interface Feature, connector A</b> | Backshell, 180°  |
| <b>Interface, Connector B</b>         | MRJ21 plug       |
| <b>Interface Feature, connector B</b> | Backshell, 180°  |
| <b>Jacket Color</b>                   | White            |
| <b>Pairs, quantity</b>                | 24               |
| <b>Total Ports, quantity</b>          | 6                |

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## Dimensions

|  |                  |
|--|------------------|
| <b>Cord Length</b>                       | 13 m   42.651 ft |
| <b>Diameter Over Jacket</b>              | 16 mm   0.63 in  |
| <b>Compatible Conductor Gauge, solid</b> | 24 AWG           |

## Electrical Specifications

|                              |       |
|------------------------------|-------|
| <b>Safety Voltage Rating</b> | 150 V |
|------------------------------|-------|

## Material Specifications

|                           |             |
|---------------------------|-------------|
| <b>Conductor Material</b> | Bare copper |
|---------------------------|-------------|

## Environmental Specifications

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

## Packaging and Weights

|                           |   |
|---------------------------|---|
| <b>Packaging quantity</b> | 1 |
|---------------------------|---|

## Regulatory Compliance/Certifications

| <b>Agency</b> | <b>Classification</b>   |
|---------------|---|
| 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   |

