

MRJ21™ High Speed Cable Assembly, MRJ21 to MRJ21, 180°–180°, 1GbE, 24-pair, CMP, 7 m, blue

- 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

|                              |                               |
|------------------------------|-------------------------------|
| <b>Portfolio</b>             | CommScope®                    |
| <b>Brand</b>                 | MRJ21™                        |
| <b>Product Series</b>        | MRJ21                         |
| <b>Product Type</b>          | Copper trunk cable assembly   |
| <b>Regional Availability</b> | Latin America   North America |

## Dimensions

|                             |                    |
|-----------------------------|--------------------|
| <b>Cord Length</b>          | 7.00 m   22.97 ft  |
| <b>Diameter Over Jacket</b> | 11.70 mm   0.46 in |

## Electrical Specifications

|                              |       |
|------------------------------|-------|
| <b>ANSI/TIA Category</b>     | 6     |
| <b>Safety Voltage Rating</b> | 150 V |

## Environmental Specifications

|                              |                                      |
|------------------------------|--------------------------------------|
| <b>Environmental Space</b>   | Plenum                               |
| <b>Flammability Rating</b>   | CM                                   |
| <b>Operating Temperature</b> | -10 °C to +60 °C (+14 °F to +140 °F) |
| <b>Safety Standard</b>       | cUL                                  |

## General Specifications

|                                       |                  |
|---------------------------------------|------------------|
| <b>Construction Type</b>              | Stranded         |
| <b>Interface, connector A</b>         | MRJ21 plug       |
| <b>Interface, connector B</b>         | MRJ21 plug       |
| <b>Application</b>                    | Ethernet, 1 GbE  |
| <b>Cable Type</b>                     | F/UTP (shielded) |
| <b>Interface Feature, connector A</b> | Backshell, 180°  |
| <b>Interface Feature, connector B</b> | Backshell, 180°  |
| <b>Jacket Color</b>                   | Blue             |
| <b>Package Quantity</b>               | 1                |
| <b>Pairs, quantity</b>                | 24               |
| <b>Total Ports, quantity</b>          | 6                |

## Mechanical Specifications

|                               |             |
|-------------------------------|-------------|
| <b>Conductor Gauge, solid</b> | 24 AWG      |
| <b>Conductor Material</b>     | Bare copper |
| <b>Conductor Type</b>         | Solid       |

## Regulatory Compliance/Certifications

**Agency**  
RoHS 2011/65/EU

**Classification**  
Compliant

