



8-2111366-5 | TMRJ-1SURG-SS085M

**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

## Product Classification

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

## Dimensions

|                      |       |
|----------------------|-------|
| Cord Length          | 85 m  |
| Diameter Over Jacket | 13 mm |

## Electrical Specifications

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

## Environmental Specifications

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

## General Specifications

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

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## Mechanical Specifications

|                        |             |
|------------------------|-------------|
| Conductor Gauge, solid | 24 AWG      |
| Conductor Material     | Bare copper |
| Conductor Type         | Solid       |

## Regulatory Compliance/Certifications

|                 |                       |
|-----------------|-----------------------|
| <b>Agency</b>   | <b>Classification</b> |
| RoHS 2011/65/EU | Compliant             |