



## MRJ21™ High Speed Cable Assembly, MRJ21-MRJ21, 180°-180°, 1GbE, 24-pair, U/F/UTP, 12 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

## 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>	Asia   Australia/New Zealand   EMEA

## Dimensions

<b>Cord Length</b>	12.00 m   39.37 ft
<b>Diameter Over Jacket</b>	16.00 mm   0.63 in

## Electrical Specifications

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

## Environmental Specifications

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

## 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>	White
<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

