

# 808 Series MT-RJ Dual Multimode Fiber Connectors & Assemblies



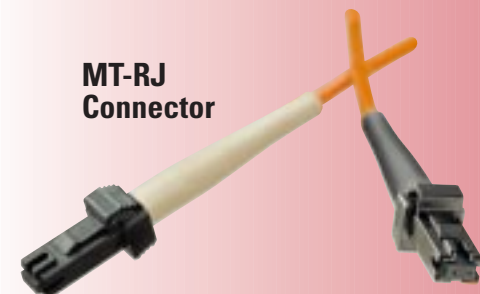
## FEATURES

MT-RJ Connector



- Small Form Factor
- Half the size of duplex SC
- Dual fiber connectivity
- Familiar Latching Mechanism
- Uses Standard .178, .151 Hex Crimp
- Male & Female Connectors
- Ergonomic design

MT-RJ Connector



**M**ethode® Series 808 MT-RJ connectors are designed to bring together the latest advances in precision molding and multi-fiber ferrule technology, providing the end user with an optical interface that is easier and more cost effective to install.

At half the size of comparable duplex SC connectors, yet using the same space in patch panels and networking equipment as RJ-45 copper connectors, the MT-RJ connector doubles the capacity of existing networking infrastructures.

The MT-RJ connectors and assemblies meet or exceed EIA/TIA-568A requirements and are compatible with other MT-RJ style connector solutions. Insertion losses are typically 0.2dB, which keep system loss budgets well within the 0.75 dB established in EIA/TIA-568A.

Methode's MT-RJ Connector is designed to be used with dual fiber, single jacket cables with diameters from 2.4mm to 3.1mm.

## BENEFITS

- Doubles Port Density
- Ease of Use
- Lower Installed Cost
- Uses standard .178, .151 Hex Crimp

## PERFORMANCE DATA

- Insertion Loss: Multimode <.2 dB (typical)
- Temperature Rating: -40° to +80° C

## MATERIALS

- Dust Cover: Thermoplastic Rubber
- Boot: Thermoplastic Rubber
- Ferrule: Thermopolymer
- Body: Reinforced Thermoplastic (Flame Retardant)
- Crimp Sleeve: Brass

## PATCHCORD CONNECTORS

Part Number	Type	Fiber Type	Boot Color
MJ3-103-3	Male (w/pins)	62.5/125 MM	Beige
MJ3-003-3	Female	62.5/125 MM	Beige
MJ3-104-3	Male (w/pins)	50/125 MM	Black
MJ3-004-3	Female	50/125 MM	Black

Part Number	Description
808-MJ-1	MT-RJ Adapter w/Flange
808-MJ-3	MT-RJ Adapter w/Reduced Flange

Please add the suffix "-B" to indicate bulk packaging. Bulk packaging is in 100 piece units.

**Note:** Please contact Methode Fiber Optic Products customer service at 800/323-6858 for cable assembly part number information.



The Americas

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# 808 Series MT-RJ Dual Fiber Connector

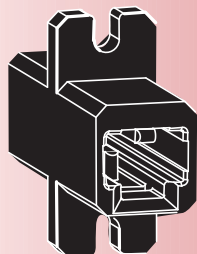


## FEATURES

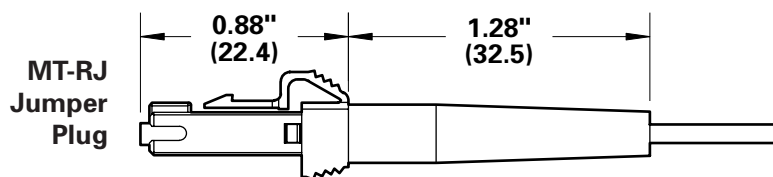
MT-RJ  
Connector



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MT-RJ to  
MT-RJ Adapter



## ASSEMBLIES

MT-RJ assemblies are manufactured using ISO 9001 approved quality systems and are available in standard and custom configurations

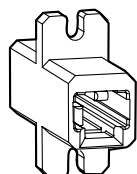
and lengths. Hybrid assemblies can be configured using ST®, SC and LC connectors.

## MT-RJ MULTIMODE PATCHCORD ORDERING INFORMATION

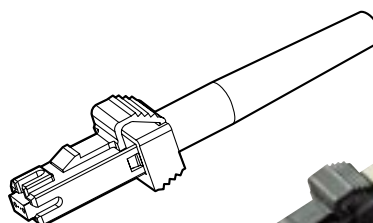
Part Number	Description	Fiber Type	Length
<b>MT-RJ Patchcords</b>			
<b>MT-RJ to MT-RJ</b>			
MJ4-104-XXX	MT-RJ to MT-RJ Jumper	62.5/125	**See Note 1
MJ4-106-XXX	MT-RJ to MT-RJ Jumper	50/125	**See Note 1
<b>MT-RJ to Duplex SC</b>			
MJD4-104-XXX	MT-RJ to Duplex SC Jumper	62.5/125	**See Note 1
MJD4-106-XXX	MT-RJ to Duplex SC Jumper	50/125	**See Note 1
<b>MT-RJ to Duplex LC</b>			
MJLC4-104-XXX	MT-RJ to Duplex LC Jumper	62.5/125	**See Note 1
MJLC4-106-XXX	MT-RJ to Duplex LC Jumper	50/125	**See Note 1
<b>MT-RJ to Duplex ST</b>			
MJR4-104-XXX	MT-RJ to Duplex ST Jumper	62.5/125	**See Note 1
MJR4-106-XXX	MT-RJ to Duplex ST Jumper	50/125	**See Note 1

**NOTE 1:** Select custom length by replacing "XXX" with appropriate length and units. ("M" for Meters and "F" for feet.)

**EXAMPLE:** MJ4--104-003M = 3 meter MT-RJ to MT-RJ Jumper, 62.5/125 MM fiber.



MT-RJ  
Adapter



MT-RJ  
Connector



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