Heat-Cure MT-RJ Connectors
A LANscape® Solutions Product

Applications
• Building wiring applications

• Cable Assembly House and Manufacturing Environments

Description
The Corning Cable Systems MT-RJ Connector is a small-form-factor connector with two fibers in one ferrule. Compared to single-figer terminations such as SC, the MT-RJ Connector offers lower termination cost and greater density for both electronics and cable management hardware.

The MT-RJ Connector is significantly lower in cost and smaller in size than the SC duplex interface. The small MT-RJ interface can be spaced the same as copper, effectively doubling the number of fiber ports. The net effect is a drop in the overall price per fiber port making fiber-to-the-desktop solutions more competitive with copper.

Heat-Cure MT-RJ Connector | Photo LAN11

Features / Benefits
• Industry-leading thermoplastic ferrule provides low cost and performance equal to ceramic

• Compliant with TIA/EIA-604-12 and TIA/EIA-568-B.3

• One-step crimp ring provides tensile strength and jacket retention

• Rugged design meets or exceeds industry standard requirements

• Bulk packaging for inventory convenience

• Connectors branded as plus CORNING

• Utilizes a factory-assembled guide pin assembly for precise alignment and ease of installation

• Guide pins' tips are elliptical for improved ferrule durability

• Unique RJ latch design prevents snagging

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Product Specifications

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Specifications

Parameter	Multimode	Single-Mode
Interconnection Compatibility	Compliant with TIA/EIA-604-12 amd TIA/EIA-568-B.3	
Insertion Loss (typical)	0.15 dB	0.25 dB
Durability	≤ 0.2 dB change	≤ 0.3 dB change
Reflectance	-20 dB average	-35 dB average

Ordering Information

Single connectors are also available; to order, omit the -BP suffix from the part number.

Part Number	Description
1. Order the bulk pack connector.	
91-050-97-BP	Epoxy and Polish MT-RJ, 50 μm Multimode Connector without pins, bulk pack
91-100-97-BP	Epoxy and Polish MT-RJ, 62.5 μm Multimode Connector without pins, bulk pack
91-200-97-BP	Epoxy and Polish MT-RJ, Single-mode Connector without pins, bulk pack
2. Order the crimp band and boot.	
95-400-28-BP6	Crimp Band, MT-RJ, 1.6 mm mini-zip
95-400-29-BP6A	Boot, MT-RJ, 1.6 mm, mini-zip, aqua with no logo
95-400-29-BP6N	Boot, MT-RJ, 1.6 mm, mini-zip, blue with no logo
95-400-29-BP6G	Boot, MT-RJ, 1.6 mm, mini-zip, green with no logo
95-400-29-BP6R	Boot, MT-RJ, 1.6 mm, mini-zip, red with no logo
95-400-29-BP6Y	Boot, MT-RJ, 1.6 mm, mini-zip, yellow with no logo
95-400-29-BP6K	Boot, MT-RJ, 1.6 mm, mini-zip, beige with no logo
95-400-29-BP6B	Boot, MT-RJ, 1.6 mm, mini-zip, black with no logo
95-400-28-BP3	Crimp Band, MT-RJ, 3.0 mm
95-400-29-BP3A	Boot, MT-RJ, 3.0 mm, aqua with no logo
95-400-29-BP3N	Boot, MT-RJ, 3.0 mm, blue with no logo
95-400-29-BP3G	Boot, MT-RJ, 3.0 mm, green with no logo
95-400-29-BP3R	Boot, MT-RJ, 3.0 mm, red with no logo
95-400-29-BP3Y	Boot, MT-RJ, 3.0 mm, yellow with no logo
95-400-29-BP3K	Boot, MT-RJ, 3.0 mm, beige with no logo
95-400-29-BP3B	Boot, MT-RJ, 3.0 mm, black with no logo

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Part Number	Description
3. Order the crimp tool and accessories.	
Accessories	
FAN-2F-MM	2-Fiber Furcation Kit, multimode
FAN-2F-SM	2-Fiber Furcation Kit, single-mode
3201033-01	Crimp Tool, MT-RJ single-step for 3 and 1.6 mm mini-zip
95-400-25-RJMM	Guide Pin Assembly, MT-RJ multimode, bulk pack
95-400-25-RJSM	Guide Pin Assembly, MT-RJ single-mode, bulk pack
SP1000-MTRJ-M-TP	SP1000 Consumables Kit for MT-RJ, multimode (for approximately 300 connectors)
SP1000-MTRJ-S-TP	SP1000 Consumables Kit for MT-RJ, single-mode (for approximately 300 connectors)

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