

Heat-Cure MT-RJ Connectors

A LANscape® Solutions Product

Corning
Cable Systems

Applications

- Building wiring applications
- Ideal for connector assembly house applications in patch cord manufacturing
- Mass terminations when material cost is the main consideration

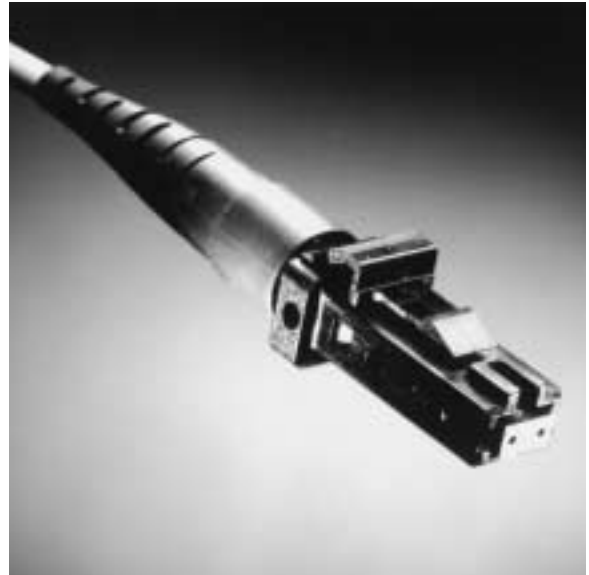
Description

Corning Cable Systems introduces the latest in high-density connectivity solutions with the MT-RJ Connector. The MT-RJ Connector is a small-form-factor connector with two fibers in one ferrule. These connectors offer lower cost per termination, improved installation and greater density for both electronics and cable management hardware.

The MT-RJ Connector was designed to meet the fiber optic industry's request for a new interface technology that 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.

Features / Benefits

- Industry-leading thermoplastic ferrule provides low cost and performance equal to ceramic
- One-step crimp ring provides tensile strength and jacket retention
- Boot color options
- Small size; doubles current density
- Rugged design; meets or exceeds industry standard requirements
- Bulk packaging for quicker assembly
- Connectors branded as ^{plus}CORNING™



Heat-Cure MT-RJ Connector | Photo LAN11

Specifications

Parameter	Multimode	Single-Mode
Insertion Loss (average)	0.2 dB	0.3 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
91-050-97-BP	MT-RJ Multimode 50 µm Connector No Pins (bulk packs of 100)
91-100-97-BP	MT-RJ Multimode 62.5 µm Connector No Pins (bulk packs of 100)
91-100-PIN-BP	MT-RJ Multimode Connector Pins (bulk packs of 200); two pins required per connector
91-200-97-BP	MT-RJ Single-mode Connector No Pins (bulk packs of 100)
91-200-PIN-BP	MT-RJ Single-mode Connector Pins (bulk packs of 200); two pins required per connector

Accessories

1101028-01	Tracon 113SC Epoxy (200 connectors)
1101026-01	Tracon F123 Epoxy (200 connectors)
SP500	Polishing Machine
SP500-MTRJ-10	10-Port Polishing Fixture
SP500-MTRJ-M-TP	Multimode Machine Polishing Kit (300 connectors)
SP500-MTRJ-S-TP	Single-mode Machine Polishing Kit (300 connectors)
SP500-RPP	Rubber Polishing Pad
SP500-GPP	Glass Polishing Plate, 4-in
FAN-2F-MM	Multimode 2-Fiber Furcation Kit
FAN-2F-SM	Single-mode 2-Fiber Furcation Kit
3201023-01	Crimp Tool, MT-RJ
95-400-25-RJMM	MT-RJ Pin Assembly, multimode (bulk pack of 100)
95-400-25-RJSM	MT-RJ Pin Assembly, single-mode (bulk pack of 100)
95-400-28-BP	Crimp Ring, MT-RJ (bulk pack of 100)
95-400-29-BP	Boot, MT-RJ, STS (bulk pack of 100)
95-400-23-BPMZ	Boot, MT-RJ, Mini-zip (bulk pack of 100)

Corning Cable Systems LLC • PO Box 489 • Hickory, NC 28603-0489 USA

1-800-743-2675 • FAX: +1-828-901-5973 • International: +1-828-901-5000 • <http://www.corning.com/cablesystems>

Corning Cable Systems reserves the right to improve, enhance and modify the features and specifications of Corning Cable Systems' products without prior notification. LANscape is a registered trademark of Corning Cable Systems Brands, Inc. Discovering Beyond Imagination and Plus Corning are trademarks of Corning Incorporated. All other trademarks are the properties of their respective owners. Corning Cable Systems is ISO 9001 certified. © 2002, 2003 Corning Cable Systems. All rights reserved. Published in the USA. LAN-341-EN / April 2003 / pdf