

UniCam® MT-RJ Connectors

A LANscape® Solutions Product

Applications

- Local area networks (LANs), including main cross-connect, intermediate cross-connect, horizontal cross-connect, direct connect to electronics and workstation
- Ideal for fiber-to-the-workstation applications where installation setup and teardown time is critical
- Small-form-factor field-installable connectors

Description

With proven UniCam® Connector technology, fiber terminations are easy. The Corning Cable Systems patented, high-precision mechanical splice technology enables fiber optic networks to be installed quickly and cost effectively.

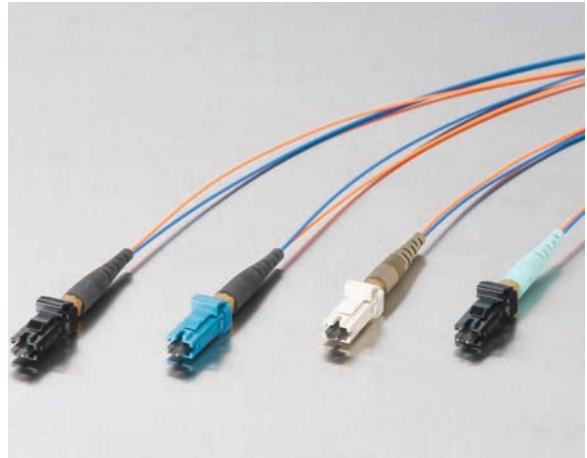
The patented Corning Cable Systems Continuity Test Set (CTS) allows the installer to verify that the installation is performed right, the first time, every time. Insert the fiber, rotate the cam and watch the light change, giving you confidence in every connector installed.

The UniCam MT-RJ Connector uses a RJ-latching mechanism familiar to installers. Also, the MT-RJ is a small-form-factor connector package that doubles the density compared to standard SC connectors. Installation is as easy as strip, clean, cleave, cam and crimp.

Features / Benefits

- Fast termination, high installation yields and no consumables means lowest installed cost
- Continuity Test Set gives immediate go/no-go feedback of successful termination
- Quick installation: less than three minutes per connector
- No epoxy, no polish
- No need for electrical power for ovens or lights
- Average insertion loss of 0.3 dB for multimode and 0.4 dB for single-mode
- Factory-polished end-face for consistent optical performance and factory-built quality
- 100 percent factory tested for insertion loss
- 100 percent guaranteed*
- Reliable, proven technology with more than 40 million connectors sold.

**UniCam Connectors are guaranteed to meet the published specifications at the time of installation.*



UniCam MT-RJ Connector Family | LAN688



UniCam MT-RJ Multimode 62.5 µm Connector | LAN684



TKT-UNICAM-CTS Tool Kit | LAN695



Product Specifications

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Specifications

Fiber	Pinned/ No Pin	Insertion Loss Typical/ Maximum (-dB)	Reflectance (dB) ¹	Housing Color Code	Boot Color ²
SM	Pinned	0.4/0.75	≤ -40	Blue	Black
SM	No Pin	0.4/0.75	≤ -40	Blue	Black
62.5 μm MM	Pinned	0.3/0.75	≤ -20	Beige	Beige
62.5 μm MM	No Pin	0.3/0.75	≤ -20	Beige	Beige
50 μm LOMMF	Pinned	0.3/0.75	≤ -20	Black	Aqua
50 μm LOMMF	No Pin	0.3/0.75	≤ -20	Black	Aqua
50 μm MM	Pinned	0.3/0.75	≤ -20	Black	Black
50 μm MM	No Pin	0.3/0.75	≤ -20	Black	Black

Notes:

¹ SM Reflectance are typical values at 18° to 26°C.

² UniCam MT-RJ Connector packaged with 900μm boots only.

Parameter	Description
Intermateability	Connectors are FOCIS compliant with TIA/EIA 604-12 (MT-RJ)
Qualification	Passed TIA/EIA 568.B.3 for 900 μm applications
Durability	0.2 dB change, 500 rematings, FOTP-21
Tensile Strength	0.5 lb ≤ 0.2 dB change, FOTP-6
Operating Temp (°C)	0° to 60°C per TIA/EIA 568 B.3



UniCam Connectors Organizer Pack (SC connectors shown) | LAN809

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Ordering Information

Part Number	Description
Single Packs	
92-201-97-P-E	UniCam® MT-RJ Connector, pinned, single-mode, single pack, blue housing, 900 µm black boot with PC polish
92-001-97-P-E	UniCam MT-RJ Connector, pinned, 62.5 µm fiber, multimode, single pack, beige housing, 900 µm beige boot with PC polish
92-051-97-P-E	UniCam MT-RJ Connector, pinned, standard 50 µm fiber, multimode, single pack, black housing, 900 µm black boot with PC polish
92-051-97-P-E-X	UniCam MT-RJ Connector, pinned, 50 µm LOMMF, multimode, single pack, black housing, 900 µm aqua boot with PC polish
92-201-97-NP-E	UniCam MT-RJ Connector, no pins, single-mode, single pack, blue housing, 900 µm black boot with PC polish
92-001-97-NP-E	UniCam MT-RJ Connector, no pins, 62.5 µm fiber, multimode, single pack, beige housing, 900 µm beige boot with PC polish
92-051-97-NP-E	UniCam MT-RJ Connector, no pins, standard 50 µm fiber, multimode, single pack, black housing, 900 µm black boot with PC polish
92-051-97-NP-E-X	UniCam MT-RJ Connector, no pins, 50 µm LOMMF, multimode, single pack, black housing, 900 µm aqua boot with PC polish
Organizer Packs	
Organizer packs are packs of 25 unassembled UniCam Connectors separated into components.	
95-201-97-P-E-Z	UniCam MT-RJ Connector, pinned, single-mode, single-mode, organizer pack, blue housing, 900 µm black boot with PC polish
92-001-97-P-E-Z	UniCam MT-RJ Connector, pinned, 62.5 µm MMF, organizer pack, blue housing, 900 µm beige boot with PC polish
92-051-97-P-E-Z	UniCam MT-RJ Connector, pinned, standard 50 µm MMF, organizer pack, black housing, 900 µm black boot with PC polish
92-051-97-P-E-X-Z	UniCam MT-RJ Connector, pinned, 50 µm LOMMF, organizer pack, black housing, 900 µm aqua boot with PC polish
92-201-97-NP-E-Z	UniCam MT-RJ Connector, no pins, single-mode, organizer pack, beige housing, 900 µm black boot with PC polish
92-001-97-NP-E-Z	UniCam MT-RJ Connector, no pins, 62.5 µm MMF, organizer pack, beige housing, 900 micron black boot with PC polish
92-051-97-NP-E-Z	UniCam MT-RJ Connector, no pins, standard 50 µm MMF, organizer pack, black housing, 900 micron black boot with PC polish
92-051-97-NP-E-X-Z	UniCam MT-RJ Connector, no pins, 50 µm LOMMF, organizer pack, black housing, 900 micron aqua boot with PC polish

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Tool Kits and Accessories

Part Number	Description
TKT-UNICAM-CTS	TKT-UNICAM plus splitter box, tool adapters and patch cords needed to add CTS functionality; VFL is included
TEST-UNICAM-CTS	Continuity Test Set (VFL sold separately) to convert TKT-UNICAM to TKT-UNICAM-CTS
TER-CTS-MTRJ	Continuity Test Set Adapter for MT-RJ connectors
VFL-350	Visual Fault Locator (VFL), 635 nm penlight style
TL-UC01	UniCam® Connector Elite™ Tool Kit Installation Tool
2104359-01	Universal Connector Cleaning Cassette, cleans pinned and pinless ferrules
CLEANER-TAPE-SFC	Woven cleaning tape for single-fiber connectors
FCC-WIPES	Cannister of 90 lint-free cleaning wipes
FCC-CLEANER-FIBER	Fiber Optic Cleaning Fluid, 3 oz. can