

FIBRE OPTIC PASSIVE COMPONENTS

CONNECTORS

MT-RJ OPTICAL FIBER CONNECTOR

The MT-RJ connector is a development of the now legendary MT ferrule. This amazing technology is at the heart of many state of the art connectors.

The MT ferrule in its various designs has the ability to connect anything from two fibers in the MT-RJ or up to 72 fibers in the latest versions of the MPO connector.

The SofeTEK version of the MT-RJ, is capable of terminating any 125mm fiber. The flexibility of the connector allows it to be used in short run local area networks as well as longer haul cabling using single mode fiber.

Designed to terminate two fibers within a single connector, reducing the risk of operator error when inter-connecting equipment and distribution panels. The MT-RJ has been deliberately designed to look and feel like the industry standard copper connector. The high density MT-RJ connector allows the termination of high fiber count backbone cables to be terminated in smaller distribution panels.



Ordering information

Description	Part No
MT-RJ SM connector Female	MTRJSMFE
MT-RJ SM connector Male	MTRJSMMA
MT-RJ MM connector Female	MTRJMMFE
MT-RJ MM connector Male	MTRJMMMA

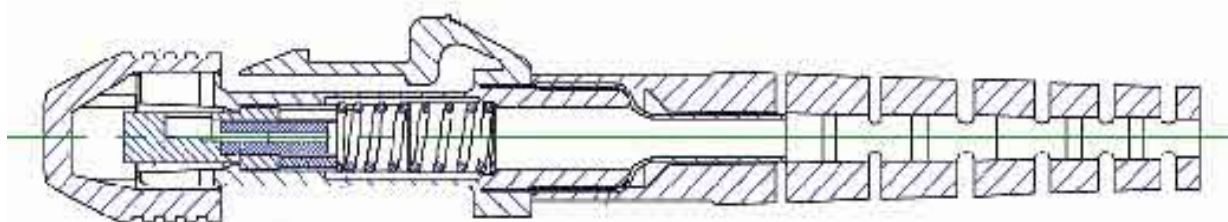
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The MT-RJ connector is a high-density, small form factor connector designed to reduce the space required in the distribution cabinets.

SofeTEK has a full range of tools and products to assist you with the termination of the MT-RJ connector. For those who prefer to purchase preterminated pig-tails SofeTEK can supply all your needs. For full information on the full range SofeTEK MT-RJ products and tooling please contact the address below for a data sheet. Product Packaging Connector in kit form, packaged in 100pcs



Intermateability

Optically and mechanically compatible with all equivalent connectors.

Compliant with IEC 61754-18.

Fiber Type: 9/125SM

50/125MM,

62.5/125MM

Fiber Count: 2

Insertion Loss (With master plug)

Standard Loss: =0.5dB

Low Loss: =0.35dB

Return Loss: =45dB

Cable Type: Mini Zip

Adapter Bulkhead:

Single connector - Duplex

Features

MT based Multi-fiber Connector for two fibers.

High density connector allows up to 72 fibers to be terminated in a 1u distribution panel.

Latched lever similar to that found on standard copper connectors.

Reliable quality supported by more than 15 years of SofeTEK experience.

Vibration (Mated Pair)

(IEC 61300-2-1)

10-55 Hz, 1.5mm P to P

=0.3dB Change

Mating Durability:

(IEC 61300-2-2)

1000 mating cycles

Clean every 25

< 0.2 dB Change

Damp Heat:

(IEC 61300-2-19)

60°C at 95% RH, 96 hours

=0.2dB Change

Operating Temperature

-10°C to +60°C