

# MT-RJ Patchcord

## Description:

The 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.



## Features:

- MT-RJ connector is half the size of duplex SC and ST-Style connectors
- Installable in conventional RJ-45 faceplaces
- Multimode and singlemode versions for existings and future network applications
- Easy termination - no epoxy or polishing
- Jack can be reterminated
- Intuitive RJ-45 type latching mechanism
- Plug and Jack design
- Developed by a consortium of leading electronics and connector companies, including Hewlet Packard, AMP, Siecor, Fujikura and US Conec

## Specifications:

Insertion loss (IL)	singlemode: typ. 0.20 dB, max. 0.5 dB multimode: typ. 0.20 dB, max. 0.4 dB
Return loss (RL)	> 30 dB for jumpers up to 3 m
Strain relief	66 N
Operating temperature	-25°C to +70°C
Durability	min 500 cycles
Assembly procedure	glue and polish
Connection	physical contact
Lock mechanism	snap-on
Standards	ANSI/TIA/EIA-568-B, ISO/IEC 11801 and EN 50173
Ferrule material	thermopolymer
Connector material	thermoplastic (reinforced, flame retardant)
Adapter material	polymer composite

## Application:

- LAN, WAN
- "Fiber to the desk"

**Ordering code:**

**AAA (D) - XX XXX - XX - (XX)<sup>1</sup> - XXX**

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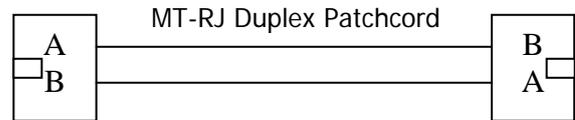
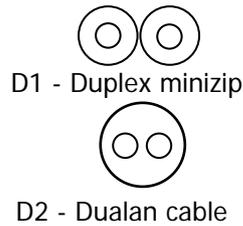
Note:

1) not filled when color is not defined

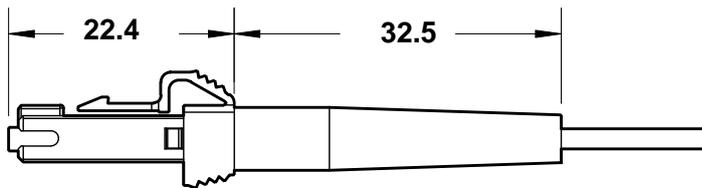
**Color code:**

BK	BN	RD	OG	YE	GN	BU	VT	GY	WH	PK	TQ
Black	Brown	Red	Orange	Yellow	Green	Blue	Violet	Grey	White	Pink	Turquoise

**Cable types:**



**Dimensions:**



**Sample:**

MJF-D2 OM1-J-005

