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.
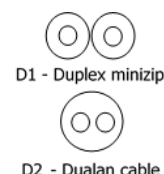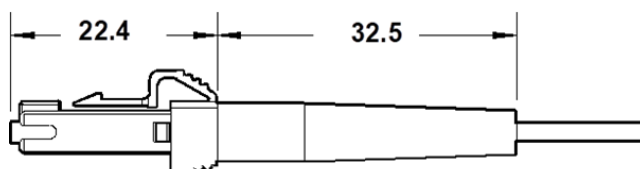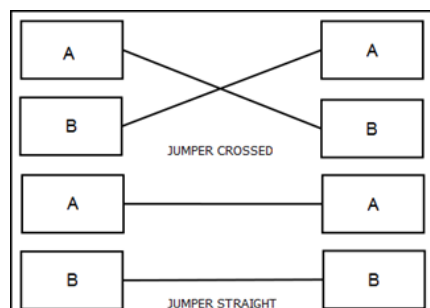

Features:

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

Specifications:

Insertion loss (IL)	Single mode: typ. 0.20 dB, max. 0.5 dB, Multimode: typ. 0.40 dB, max. 0.75 dB
Return loss (RL)	Single mode: ≥35 dB for jumpers up to 3 m Multimode: ≥26 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	Thermo polymer

Connector material	thermoplastic (reinforced, flame retardant)
Adapter material	polymer composite

JUMPER CROSSED

JUMPER STRAIGHT

22.4   32.5

D1 - Duplex minizip

D2 - Dualan cable

Ordering Code:

AAA (D)   - XX XXX -   XX   -   (XX)[1]   -   XXX

Connector Type	Connector Description
MJF	MT/RJ without pins
MJM	MT/RJ with guide pins

XX-color

XXX - length [m]

X - type (pigtail or jumper)	
JC	jumper crossed
J	jumper straight
PT	pigtail tight buffered, strip in one shot 0.5 – 2 cm
PS	pigtail semitight, strip in one shot 5 – 10 cm
PJ	pigtail loose tube - jelly filled
PD	pigtail loose tube - dry

XX - diameter of fiber, cable		**XXX - type of fiber**	
D1	duplex minizip 1.8 x 3.5 mm	**OM1**	MM 62.5/125 µm
D2	dualan cable Ø 2.9 mm	**OM2**	MM 50/125 µm
		OM3	MM 50/125 µm
		S2D	SM 9/125 µm (G.652D)
		S5X[2]	SM 9/125 µm (G.655X)
		S7X[2]	SM 9/125 µm (G.657X)

Note:

1) not filled when color is not defined

2) X – according fiber subtypes (e.g. G.655C)

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