

MT-RJ SECURE Cable Assemblies



Product Facts

- MT-RJ SECURE plugs only mate with same-colored MT-RJ SECURE jacks
- MT-RJ SECURE Cable Assemblies have one MT-RJ SECURE plug on one end and a standard MT-RJ plug on the other end; other constructions are available (Contact your local Tyco Electronics sales representative for part numbers)
- Each assembly is a duplex (two-fiber) assembly
- Cable assemblies are riser-rated, other constructions are available (Contact your local Tyco Electronics sales representative for details)
- SC and LC connectors feature ceramic ferrules
- Jacket of cable assemblies comes in orange for multimode and yellow for singlemode, other color options are available

MT-RJ SECURE Cable Assemblies and Patch Cord Part Numbers

MT-RJ SECURE Color	Fiber Type	Part Numbers			
		MT-RJ	SC	LC	ST
Red	50/125 μ m Multimode	6278873-X	6278126-X	1907396-X	6278881-X
	Laser Optimized (10 Gig) (850 nm LO 50/125 μ m) Multimode	6754406-X	6754410-X	1918667-X	1918701-X
	62.5/125 μ m Multimode	6278890-X	6278894-X	6828104-X	6278898-X
	Singlemode	6918733-X	6918734-X	1918668-X	1918702-X
Yellow	50/125 μ m Multimode	6278874-X	6278878-X	1918669-X	6278882-X
	Laser Optimized (10 Gig) (850 nm LO 50/125 μ m) Multimode	6754407-X	6754411-X	1918670-X	1918703-X
	62.5/125 μ m Multimode	6278891-X	6278895-X	6828923-X	6278899-X
	Singlemode	6918735-X	6918736-X	1918671-X	1918704-X
Green	50/125 μ m Multimode	6278875-X	6278879-X	1907398-X	6278883-X
	Laser Optimized (10 Gig) (850 nm LO 50/125 μ m) Multimode	6754408-X	6754412-X	1918672-X	1918705-X
	62.5/125 μ m Multimode	6278892-X	6278896-X	1918673-X	6278900-X
	Singlemode	6918737-X	6918738-X	1918674-X	1918706-X
Blue	50/125 μ m Multimode	6278876-X	6278880-X	1907394-X	6278884-X
	Laser Optimized (10 Gig) (850 nm LO 50/125 μ m) Multimode	6754409-X	6754413-X	1918675-X	1918707-X
	62.5/125 μ m Multimode	6278893-X	6278897-X	1907395-X	6278901-X
	Singlemode	6918739-X	6918740-X	1918676-X	1918708-X
Orange	50/125 μ m Multimode	6828263-X	6828269-X	1918677-X	1918709-X
	Laser Optimized (10 Gig) (850 nm LO 50/125 μ m) Multimode	6828251-X	6828257-X	1918678-X	1918710-X
	62.5/125 μ m Multimode	6828275-X	6828281-X	1918679-X	1918711-X
	Singlemode	6828239-X	6828245-X	1918680-X	1918712-X
Brown	50/125 μ m Multimode	6828264-X	6828270-X	1918681-X	1918713-X
	Laser Optimized (10 Gig) (850 nm LO 50/125 μ m) Multimode	6828252-X	6828258-X	1918682-X	1918714-X
	62.5/125 μ m Multimode	6828276-X	6828282-X	1918683-X	1918715-X
	Singlemode	6828240-X	6828246-X	1918684-X	1918716-X
Slate	50/125 μ m Multimode	6828265-X	6828271-X	1918685-X	1918717-X
	Laser Optimized (10 Gig) (850 nm LO 50/125 μ m) Multimode	6828253-X	6828259-X	1918686-X	1918718-X
	62.5/125 μ m Multimode	6828277-X	6828283-X	1918687-X	1918719-X
	Singlemode	6828241-X	6828247-X	1918688-X	1918720-X
Violet	50/125 μ m Multimode	6828266-X	6828272-X	1918689-X	1918721-X
	Laser Optimized (10 Gig) (850 nm LO 50/125 μ m) Multimode	6828254-X	6828260-X	1918690-X	1918722-X
	62.5/125 μ m Multimode	6828278-X	6828284-X	1918691-X	1918723-X
	Singlemode	6828242-X	6828248-X	1918692-X	1918724-X
Rose	50/125 μ m Multimode	6828267-X	6828273-X	1918693-X	1918725-X
	Laser Optimized (10 Gig) (850 nm LO 50/125 μ m) Multimode	6828255-X	6828261-X	1918694-X	1918726-X
	62.5/125 μ m Multimode	6828279-X	6828285-X	1918695-X	1918727-X
	Singlemode	6828243-X	6828249-X	1918696-X	1918728-X
Aqua	50/125 μ m Multimode	6828268-X	6828274-X	1918697-X	1918729-X
	Laser Optimized (10 Gig) (850 nm LO 50/125 μ m) Multimode	6828256-X	6828262-X	1918698-X	1918730-X
	62.5/125 μ m Multimode	6828280-X	6828286-X	1918699-X	1918731-X
	Singlemode	6828244-X	6828250-X	1918700-X	1918732-X

Note: X denotes length in meters: -1 = 1, -2 = 2, -3 = 3, -5 = 5, 1 -0 = 10

Note: All part numbers are RoHS compliant.

MT-RJ Cable Assemblies

Product Facts

- Each MT-RJ connector houses two fibers
- Cable assemblies are riser-rated



Connector End 1	Connector End 2	Fiber Type	UL/NEC Rating	Part Number
MT-RJ	MT-RJ	50/125 μ m Multimode	OFNR	6278128-X
		Laser Optimized (10 Gig) (850 nm 50/125 μ m) Multimode	OFNR	6588572-X
		62.5/125 μ m Multimode	OFNR	6278032-X
		Singlemode	OFNR	6278033-X

X denotes length in meters: -1 = 1, -2 = 2, -3 = 3, -5 = 5, 1- -0 = 10

MT-RJ to SC Cable Assemblies

Product Facts

- Connects between equipment with different interfaces
- SC connectors feature ceramic ferrules
- Each MT-RJ Connector houses two fibers
- Cable assemblies are riser-rated



Connector End 1	Connector End 2	Fiber Type	UL/NEC Rating	Part Number
MT-RJ	Duplex SC	50/125 μ m Multimode	OFNR	6278126-X
		Laser Optimized (10 Gig) (850 nm 50/125 μ m) Multimode	OFNR	6693414-X
		62.5/125 μ m Multimode	OFNR	6278028-X
		Singlemode	OFNR	6278031-X
	Simplex SC	50/125 μ m Multimode	OFNR	6278127-X
		Laser Optimized (10 Gig) (850 nm 50/125 μ m) Multimode	OFNR	6588573-X
		62.5/125 μ m Multimode	OFNR	6278030-X

X denotes length in meters: -1 = 1, -2 = 2, -3 = 3, -5 = 5, 1- -0 = 10

Note: All part numbers are RoHS compliant.

MT-RJ to ST Cable Assemblies

Product Facts

- Connects between equipment with different interfaces
- ST Connectors feature ceramic ferrules
- Each MT-RJ Connector houses two fibers
- Cable assemblies are riser-rated



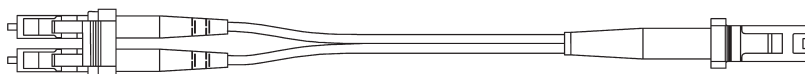
Connector End 1	Connector End 2	Fiber Type	UL/NEC Rating	Part Number
MT-RJ	Dual ST	50/125 μ m Multimode	OFNR	6278199-X
		62.5/125 μ m Multimode	OFNR	6278027-X
		Singlemode	OFNR	6278298-X

X denotes length in meters: -1 = 1, -2 = 2, -3 = 3, -5 = 5, 1- -0 = 10

MT-RJ to LC Cable Assemblies

Product Facts

- Connects between equipment with different interfaces
- One Duplex LC Connector and one MT-RJ Plug
- LC Connectors feature ceramic ferrules
- Cable Assemblies are riser-rated
- Each MT-RJ Connector houses two fibers



Connector End 1	Connector End 2	Fiber Type	UL/NEC Rating	Part Number
MT-RJ	LC Duplex	50/125 μ m Multimode	OFNR	6374647-X
		Laser Optimized (10 Gig) (850 nm LO 50/125 μ m) Multimode	OFNR	6588719-X
		62.5/125 μ m Multimode	OFNR	6374646-X
		Singlemode	OFNR	6374645-X

X denotes length in meters: -1 = 1, -2 = 2, -3 = 3, -5 = 5, 1- -0 = 10

Note: All part numbers are RoHS compliant.

MT-RJ Pigtail Jack (Single-Ended) Cable Assemblies

Product Facts

- Compatible with MT-RJ Jack Snap-in Adapter Plates
- Two 250 µm coated fiber in protective 900 µm tubing
- MT-RJ Jack Assemblies are compatible with fusion or mechanical splices
- Each MT-RJ Connector houses two fibers

Description	Fiber Type	Color	Part Number
MT-RJ Jack	50/125 µm Multimode	Black	6374018-X
	62.5/125 µm Multimode	Beige	6374019-X
	Singlemode	Blue	6374020-X
	Laser Optimized (10 Gig)	Aqua	1938008-X
MT-RJ SECURE Jack	Singlemode	Red	6588568-X
		Yellow	6588569-X
		Green	6588571-X
		Blue	6588570-X
		Orange	6828233-X
		Brown	6828234-X
		Slate	6828235-X
		Violet	6828236-X
		Rose	6828237-X
		Aqua	6828238-X

X denotes length in meters: -1 = 1, -2 = 2, -3 = 3

MT-RJ Pigtail Plug (Single-Ended) Cable Assemblies

Product Facts

- Compatible with MT-RJ Plug Snap-in Adapter Plates
- Two 250 µm coated fiber in protective 900 µm tubing
- MT-RJ Plug Assemblies are compatible with fusion or mechanical splices
- MT-RJ Plugs are pinned
- Each MT-RJ Connector houses two fibers

Description	Fiber Type	Part Number
MT-RJ Plug	50/125 µm Multimode	6588849-X
	62.5/125 µm Multimode	6693532-X
	Singlemode	6693533-X

X denotes length in meters: -1 = 1, -2 = 2, -3 = 3

Note: All part numbers are RoHS compliant.

MT-RJ Cable Assembly Test Kits

MT-RJ Test Kit Components

Kit A

- 2 - MT-RJ (no pins) to SC/ST cable assemblies
- 1 - MT-RJ (pins) to SC/ST cable assembly
- 1 - MT-RJ to MT-RJ cable assembly
- 2 - Mandrels
- 1 - MT-RJ Adapter

Kit B

- 2 - MT-RJ to MT-RJ cable assemblies
- 2 - Mandrels

Kit C

- 2 - MT-RJ (no pins) to SC/ST cable assembly
- 1 - MT-RJ (pins) to SC/ST cable assembly
- 1 - MT-RJ to MT-RJ cable assembly
- 1 - MT-RJ Adapter

Kit D

- 2 - MT-RJ to MT-RJ cable assemblies

MT-RJ Test Leads are divided into two primary categories:

- Launch Leads — made for use with standard test equipment
- OTDR Launch Leads — long lengths (100 meters) to deal with “dead zone” of OTDR equipment

MT-RJ Test Kits



Description	Part Number	Components (see list)
MT-RJ to ST-Style Kit	Multimode 50/125 µm	Kit A
	Multimode 62.5/125 µm	Kit A
	Singlemode	Kit B
MT-RJ to ST-Style SECURE Kit	Multimode 50/125 µm	Kit A
	Multimode 62.5/125 µm	Kit A
	Singlemode	Kit B
MT-RJ to SC Kit	Multimode 50/125 µm	Kit A
	Multimode 62.5/125 µm	Kit A
	Singlemode	Kit B
MT-RJ to SC SECURE Kit	Multimode 50/125 µm	Kit A
	Multimode 62.5/125 µm	Kit A
	Singlemode	Kit B
MT-RJ to MT-RJ Kit	Multimode 50/125 µm	Kit C
	Multimode 62.5/125 µm	Kit C
	Singlemode	Kit D
MT-RJ to MT-RJ SECURE Kit	Multimode 50/125 µm	Kit C
	Multimode 62.5/125 µm	Kit C
	Singlemode	Kit D

MT-RJ Test Leads

Standard MT-RJ Launch Leads

Fiber Description	Part Number		
	MT-RJ — SC Simplex	MT-RJ — ST	MT-RJ — MT-RJ
No Pins, 62.5 Fiber	6435092-1	6435094-1	6435096-1
No Pins, 50/125 Fiber	6435092-2	6435094-2	6435096-2
No Pins, Singlemode	6435092-3	6435094-3	6435096-3
Pins, 62.5 Fiber	6435092-4	6435094-4	6435096-4
Pins, 50/125 Fiber	6435092-5	6435094-5	6435096-5
Pins, Singlemode	6435092-6	6435094-6	6435096-6

OTDR MT-RJ Launch Leads (100 meter length)

Part Number	Fiber Description
6588079-1	MT-RJ (No Pins) SC Simplex, 62.5/125 Fiber, 100 meters
6588080-1	MT-RJ (No Pins) SC Simplex, 50/125 Fiber, 100 meters

MT-RJ Loopbacks

Description	Part Number
MT-RJ Loopback	Multimode 50/125 µm
	Multimode 62.5/125 µm
	Singlemode

Note: All part numbers are RoHS compliant.