

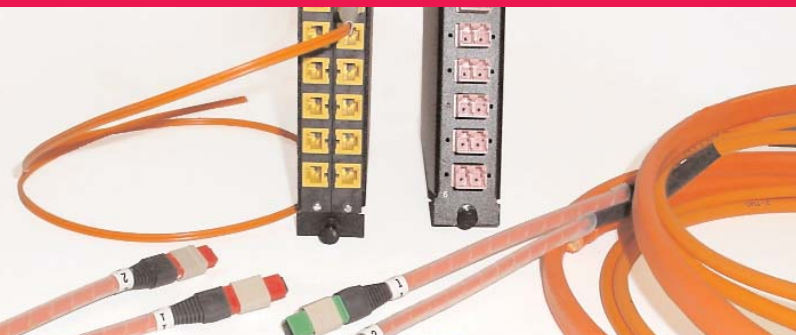
SECURE SYSTEM PRODUCTS

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Chapter Summary

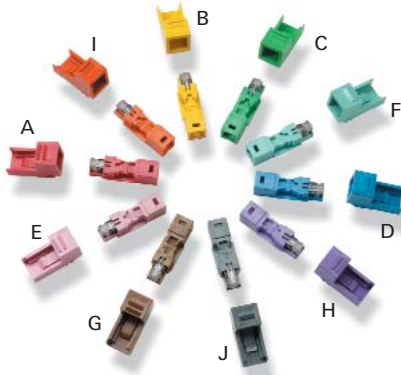
- Color-coded keyed designs limit improper connections in segregated or secure networks
- SECURE plugs only mate with SECURE jacks or adapters of the same color
- Optical fiber and twisted-pair copper SECURE products
- MT-RJ SECURE, LC SECURE, and MPO SECURE connectivity for optical fiber
- Shielded and unshielded RJ45 SECURE jacks and cable assemblies for twisted-pair copper
- Additional SECURE products available, call (800) 522-6752 for details
- RoHS part numbers listed have the same fit, form, and function as previous part numbers

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MT-RJ SECURE PRODUCTS

MT-RJ SECURE Outlet Jacks



Easy 3-Step Termination

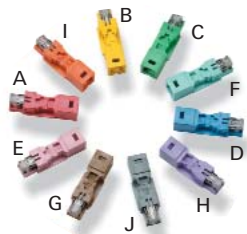


Product Facts

- Ten color-coded keyed designs limit improper connections in segregated or secure networks
 - MT-RJ SECURE plugs only mate with MT-RJ SECURE jacks of the same color
- Match cable fiber type to jack fiber type for correct part number
- Jack design eliminates need for MT-RJ SECURE adapter
- Small form factor design is half the size of SC duplex
- Terminate two 900 μm tight-buffered fibers in one outlet jack
 - No epoxy, no polishing, no crimping
 - Can be re-terminated - improves yield
 - Each fiber is tunable and locked separately
 - No bench tool required
 - Same installation tools and procedures as standard MT-RJ jacks
- Each part number includes:
 - One (1) MT-RJ SECURE outlet jack
 - Actuation tool
 - SL Series housing in matching color
 - Bend-limiting boot (black)
- MT-RJ SECURE cable assemblies listed in this chapter
- Single-mode MT-RJ SECURE Jacks are available as pigtail assemblies. Call for details

Fiber Type	SECURE Jack Color	Housing Color	Figure	Part Number
50/125 μm Terminates two 900 μm Tight-buffered Fibers	RED	RED	A	6278811-1
	YELLOW	YELLOW	B	6278811-2
	GREEN	GREEN	C	6278811-3
	BLUE	BLUE	D	6278811-4
	ROSE	ROSE	E	6278811-5
	AQUA	AQUA	F	6278811-6
	BROWN	BROWN	G	6278811-7
	VIOLET	VIOLET	H	6278811-8
	ORANGE	ORANGE	I	6278811-9
	SLATE	SLATE	J	1-6278811-0
XG (850nm LO 50/125 μm) Terminates two 900 μm Tight-buffered Fibers	RED	RED	A	6754252-1
	YELLOW	YELLOW	B	6754252-2
	GREEN	GREEN	C	6754252-3
	BLUE	BLUE	D	6754252-4
	ROSE	ROSE	E	6754252-5
	AQUA	AQUA	F	6754252-6
	BROWN	BROWN	G	6754252-7
	VIOLET	VIOLET	H	6754252-8
	ORANGE	ORANGE	I	6754252-9
	SLATE	SLATE	J	1-6754252-0
62.5/125 μm Terminates two 900 μm Tight-buffered Fibers	RED	RED	A	6278810-1
	YELLOW	YELLOW	B	6278810-2
	GREEN	GREEN	C	6278810-3
	BLUE	BLUE	D	6278810-4
	ROSE	ROSE	E	6278810-5
	AQUA	AQUA	F	6278810-6
	BROWN	BROWN	G	6278810-7
	VIOLET	VIOLET	H	6278810-8
	ORANGE	ORANGE	I	6278810-9
	SLATE	SLATE	J	1-6278810-0

MT-RJ SECURE Patch Panel Jacks



Easy 3-Step Termination



Product Facts

- Ten color-coded keyed designs limit improper connections in segregated or secure networks
 - MT-RJ SECURE plugs only mate with MT-RJ SECURE jacks of the same color
- Match cable fiber type to jack fiber type for correct part number
- Jack design eliminates need for MT-RJ SECURE adapter
- Small form factor design is half the size of SC duplex
- Each patch panel jack terminates either two 900um tight-buffered fibers or two 250um coated fibers (select appropriate part number):
 - No epoxy, no polishing, no crimping
 - Can be re-terminated - improves yield
 - Each fiber is tunable and locked separately
 - No bench tool required
 - Same installation tools and procedures as standard MT-RJ jacks
- Each part number includes: Six (6) MT-RJ SECURE patch panel jacks, two (2) actuation tools, fiber guide, and icon wheel
 - Single-mode Pigtail Jacks sold individually.
- Six (6) patch panel jacks fit in one MT-RJ Snap-in Adapter Plate (sold separately)
- SL Series housings and bend-limiting boots sold separately

Fiber Type	SECURE Jack Color	Figure	Part Number	
			250 μ m Coated Fiber	900 μ m Tight-buffered Fiber
50/125 μ m	RED	A	1278807-1	6588879-1
	YELLOW	B	1278807-2	6588879-2
	GREEN	C	1278807-3	6588879-3
	BLUE	D	1278807-4	6588879-4
	ROSE	E	1278807-5	6588879-5
	AQUA	F	1278807-6	6588879-6
	BROWN	G	1278807-7	6588879-7
	VIOLET	H	1278807-8	6588879-8
	ORANGE	I	1278807-9	6588879-9
	SLATE	J	1-1278807-0	1-6588879-0
XG (850 nm LO 50/125 μ m)	RED	A	169395 1-1	6693949-1
	YELLOW	B	169395 1-2	6693949-2
	GREEN	C	169395 1-3	6693949-3
	BLUE	D	169395 1-4	6693949-4
	ROSE	E	169395 1-5	6693949-5
	AQUA	F	169395 1-6	6693949-6
	BROWN	G	169395 1-7	6693949-7
	VIOLET	H	169395 1-8	6693949-8
	ORANGE	I	169395 1-9	6693949-9
	SLATE	J	1-169395 1-0	1-6693949-0
62.5/125 μ m	RED	A	1278808-1	6588878-1
	YELLOW	B	1278808-2	6588878-2
	GREEN	C	1278808-3	6588878-3
	BLUE	D	1278808-4	6588878-4
	ROSE	E	1278808-5	6588878-5
	AQUA	F	1278808-6	6588878-6
	BROWN	G	1278808-7	6588878-7
	VIOLET	H	1278808-8	6588878-8
	ORANGE	I	1278808-9	6588878-9
	SLATE	J	1-1278808-0	1-6588878-0
Single-mode Pigtail Jacks (for fusion or mechanical splicing) Two 250 μ m fibers in one protective 900 μ m tube	RED	-	-	6588568-X
	YELLOW	-	-	6588569-X
	GREEN	-	-	6588571-X
	BLUE	-	-	6588570-X
	ROSE	-	-	6828237-X
	AQUA	-	-	6828238-X
	BROWN	-	-	6828234-X
	VIOLET	-	-	6828236-X
	ORANGE	-	-	6828233-X
	SLATE	-	-	6828235-X

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

Single-mode Pigtail Jacks can be spliced to either 250 μ m coated or 900 μ m tight-buffered fibers.

Multimode MT-RJ SECURE pigtail jacks are also available - call for details.

MT-RJ SECURE Cable Assemblies

MT-RJ SECURE Hybrid Cable Assemblies with MT-RJ, LC, SC and ST-style connectors



Product Facts

- Assemblies have SECURE connector on one end and a standard connector on the other end for connecting to equipment
 - Other constructions and combinations are available - *call for details*
- Ten color-coded keyed designs limit improper connections in segregated or secure networks
- MT-RJ plugs only mate with similar type SECURE jacks of the same color
- Quick Ship available for MT-RJ SECURE cable assemblies
- Each MT-RJ and MT-RJ SECURE connector houses two fibers
- Standard jacket color is yellow for single-mode, orange for 50/125 μm and 62.5/125 μm , and aqua for XG 50/125 μm
- Cable assemblies are riser-rated (*Other ratings are available - call for details*)

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MT-RJ SECURE Color		MT-RJ	LC Duplex	SC Duplex	ST-style Dual
RED	50/125 μm Multimode	6278873-X	1907396-X	6278877-X	6278881-X
	XG (850 nm 50/125 μm) Multimode	6754406-X	1918667-X	6754410-X	1918701-X
	62.5/125 μm Multimode	6278890-X	6828104-X	6278894-X	6278898-X
	Single-mode	6918733-X	1918668-X	6918734-X	1918702-X
YELLOW	50/125 μm Multimode	6278874-X	1918669-X	6278878-X	6278882-X
	XG (850 nm 50/125 μm) Multimode	6754407-X	1918670-X	6754411-X	1918703-X
	62.5/125 μm Multimode	6278891-X	6828923-X	6278895-X	6278899-X
	Single-mode	6918735-X	1918671-X	6918736-X	1918704-X
GREEN	50/125 μm Multimode	6278875-X	1907398-X	6278879-X	6278883-X
	XG (850 nm 50/125 μm) Multimode	6754408-X	1918672-X	6754412-X	1918705-X
	62.5/125 μm Multimode	6278892-X	1918673-X	6278896-X	6278900-X
	Single-mode	6918737-X	1918674-X	6918738-X	1918706-X
BLUE	50/125 μm Multimode	6278876-X	1907394-X	6278880-X	6278884-X
	XG (850 nm 50/125 μm) Multimode	6754409-X	1918675-X	6754413-X	1918707-X
	62.5/125 μm Multimode	6278893-X	1907395-X	6278897-X	6278901-X
	Single-mode	6918739-X	1918676-X	6918740-X	1918708-X
ORANGE	50/125 μm Multimode	6828263-X	1918677-X	6828269-X	1918709-X
	XG (850 nm 50/125 μm) Multimode	6828251-X	1918678-X	6828257-X	1918710-X
	62.5/125 μm Multimode	6828275-X	1918679-X	6828281-X	1918711-X
	Single-mode	6828239-X	1918680-X	6828245-X	1918712-X
BROWN	50/125 μm Multimode	6828264-X	1918681-X	6828270-X	1918713-X
	XG (850 nm 50/125 μm) Multimode	6828252-X	1918682-X	6828258-X	1918714-X
	62.5/125 μm Multimode	6828276-X	1918683-X	6828282-X	1918715-X
	Single-mode	6828240-X	1918684-X	6828246-X	1918716-X
SLATE	50/125 μm Multimode	6828265-X	1918685-X	6828271-X	1918717-X
	XG (850 nm 50/125 μm) Multimode	6828253-X	1918686-X	6828259-X	1918718-X
	62.5/125 μm Multimode	6828277-X	1918687-X	6828283-X	1918719-X
	Single-mode	6828241-X	1918688-X	6828247-X	1918720-X
VIOLET	50/125 μm Multimode	6828266-X	1918689-X	6828272-X	1918721-X
	XG (850 nm 50/125 μm) Multimode	6828254-X	1918690-X	6828260-X	1918722-X
	62.5/125 μm Multimode	6828278-X	1918691-X	6828284-X	1918723-X
	Single-mode	6828242-X	1918692-X	6828248-X	1918724-X
ROSE	50/125 μm Multimode	6828267-X	1918693-X	6828273-X	1918725-X
	XG (850 nm 50/125 μm) Multimode	6828255-X	1918694-X	6828261-X	1918726-X
	62.5/125 μm Multimode	6828279-X	1918695-X	6828285-X	1918727-X
	Single-mode	6828243-X	1918696-X	6828249-X	1918728-X
AQUA	50/125 μm Multimode	6828268-X	1918697-X	6828274-X	1918729-X
	XG (850 nm 50/125 μm) Multimode	6828256-X	1918698-X	6828262-X	1918730-X
	62.5/125 μm Multimode	6828280-X	1918699-X	6828286-X	1918731-X
	Single-mode	6828244-X	1918700-X	6828250-X	1918732-X

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

LC SECURE LightCrimp PLUS Connectors (No-epoxy/No-polish)



Product Facts

- Ten color-coded keyed designs limit improper connections in segregated or secure networks
- LC SECURE connectors only mate with LC SECURE adapters of the same color
- Select appropriate part number for termination to:
 - 900 μ m tight-buffered or 250 μ m coated fiber
 - 1.6 - 2.0mm jacketed fiber
- Easy installation:
 - No epoxy, no polishing
 - No bench tool required
 - Strip, cleave, and crimp
- LC SECURE LightCrimp PLUS connector uses the same installation tooling as the standard LC LightCrimp PLUS connector
- LC SECURE LightCrimp PLUS connectors feature ceramic ferrules
- LC Duplex clip (black, sold separately) links two simplex LC connectors to make one duplex LC connector and allows for polarity correction after termination

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LC SECURE LightCrimp PLUS Simplex Connectors

Fiber Type	Boot Color	Used with	Part Number
50/125 μ m	Black	900 μ m Tight-buffered or 250 μ m Coated Fiber 1.6 - 2.0mm Jacketed Fiber	1985959-X
XG (850 nm LO 50/125 μ m)	Aqua	900 μ m Tight-buffered or 250 μ m Coated Fiber 1.6 - 2.0mm Jacketed Fiber	1985960-X
62.5/125 μ m	Beige	900 μ m Tight-buffered or 250 μ m Coated Fiber 1.6 - 2.0mm Jacketed Fiber	1985961-X
Single-mode	Blue	900 μ m Tight-buffered or 250 μ m Coated Fiber	1828856-X
		1.6 - 2.0mm Jacketed Fiber	1828860-X

X denotes Connector color: -1 = Red, -2 = Yellow, -3 = Green, -4 = Blue, -5 = Rose, -6 = Aqua, -7 = Brown, -8 = Violet, -9 = Orange, 1--0 = Slate

LC Duplex Clip Part Number 1754371-2



Product Facts

- Used to link two simplex LC connectors to make one duplex LC connector
- Compatible with single-mode or multimode simplex connectors
- Black
- Available in packages of six (6)

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LC SECURE Epoxy/Polish Connectors

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Product Facts

- Ten color-coded keyed designs limit improper connections in segregated or secure networks
- LC SECURE connectors only mate with LC SECURE adapters of the same color
- Duplex clip (black, sold separately) attaches two simplex connectors into duplex form and allows for polarity correction after termination
- Two LC SECURE connector kits for each fiber type (multimode and single-mode)
 - One terminates either one 250 μm coated fiber or one 900um tight-buffered fiber
 - One terminates one 1.6mm to 2.0mm jacketed fiber
- Multimode connectors are suitable for use with 50/125 μm, XG (850 nm LO 50/125 μm), and 62.5/125 μm fibers and come with beige boots
- Single-mode connectors are suitable for use with all single-mode fiber types and come with blue boots
- LC SECURE connectors uses the same LC installation tooling as standard LC
- Suitable for use with heat-cured or anaerobic (quick cure) adhesive

Simplex LC SECURE Epoxy/Polish Connectors

Color	Multimode Terminates one 1.6 to 2.0mm Jacketed Fiber	Single-mode Terminates one 1.6 to 2.0mm Jacketed Fiber	Multimode Terminates one 250um coated or 900um buffer	Single-mode Terminates one 250um coated or 900um buffer
Red	1828078-1	1828079-1	1828861-1	1828862-1
Yellow	1828078-2	1828079-2	1828861-2	1828862-2
Green	1828078-3	1828079-3	1828861-3	1828862-3
Blue	1828078-4	1828079-4	1828861-4	1828862-4
Rose	1828078-5	1828079-5	1828861-5	1828862-5
Aqua	1828078-6	1828079-6	1828861-6	1828862-6
Brown	1828078-7	1828079-7	1828861-7	1828862-7
Violet	1828078-8	1828079-8	1828861-8	1828862-8
Orange	1828078-9	1828079-9	1828861-9	1828862-9
Slate	1-1828078-0	1-1828079-0	1-1828861-0	1-1828862-0

LC Duplex Clip Part Number 1754371-2



Product Facts

- Used to link two simplex LC connectors to make one duplex LC connector
- Compatible with single-mode or multimode simplex connectors
- Black
- Available in packages of six (6)

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LC SECURE SL Series Duplex Couplers

Description	Fiber Type	Part Number
LC SECURE Coupler	Multimode & Single-mode	1933422-X
LC SECURE Hybrid Coupler	Multimode & Single-mode	1933285-X

X denotes color of LC Coupler and SL Series Housing: -1 = Red, -2 = Yellow, -3 = Green, -4 = Blue, -5 = Rose, -6 = Aqua, -7 = Brown, -8 = Violet, -9 = Orange, 1--0 = Slate

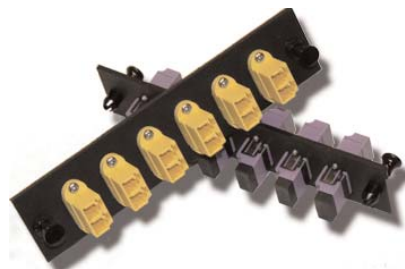


Product Facts

- Ten color-coded keyed designs limit improper connections in segregated or secure networks
- LC SECURE connectors only mate with LC SECURE couplers of the same color
- Hybrid Coupler – mates LC SECURE connectors to standard connectors
 - LC SECURE coupler on the Work Area side
- Configure faceplates with one or more LC SECURE connectors to provide a common access point to multiple segregated or secure networks
- Couplers suitable for use with multimode and single-mode LC SECURE connectors
- Easily snaps into SL Series modules, duplex mounting straps, patch panels, and enclosures
- May be used in straight or angled faceplate modules

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LC SECURE Snap-in Adaptor Plates



Product Facts

- Ten color-coded keyed designs limit improper connections in segregated or secure networks
- LC SECURE connectors only mate with LC SECURE adapters of the same color
- Adapters suitable for use with multimode or single-mode LC SECURE connectors
- Snap-in Adaptor Plates fit in unloaded optical fiber enclosures listed in chapters 2.5 and 2.6
- Snap-in adaptor plates hold six (6) or twelve (12) duplex LC SECURE adapters
- Package quantity = 1 per pack

Description	Adaptor Color	Part Number	
		12-Fiber	24-Fiber
Duplex LC SECURE Snap-in Adaptor Plates	Red	1777127-1	1499702-2
	Yellow	1777127-2	1499703-2
	Green	1777127-3	1499704-2
	Blue	1777127-4	1499705-2
	Rose	1777127-9	1499706-2
	Aqua	1-1777127-0	1499707-2
	Brown	1777127-6	1499708-2
	Violet	1777127-8	1499709-2
	Orange	1777127-5	1499710-2
	Slate	1777127-7	1499711-2

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LC SECURE Duplex Hybrid Cable Assemblies with MT-RJ, LC, SC, and ST-style connectors



Product Facts

- Assemblies have SECURE connector on one end and a standard connector on the other end for connecting to equipment
 - Other constructions and combinations are available - *call for details*
- Ten color-coded keyed designs limit improper connections in segregated or secure networks
- LC SECURE plugs only mate with LC SECURE adapters of the same color
- Quick Ship available
- LC SECURE connectors feature ceramic ferrules
- Standard jacket color is yellow for single-mode, orange for 50/125 μm and 62.5/125 μm , and aqua for XG 50/125 μm
- Cable assemblies are riser-rated (*Other ratings are available - call for details*)

LC SECURE Duplex Color		MT-RJ	LC Duplex	SC Duplex	ST-style Dual
RED	50/125 μm Multimode	1907114-X	1906012-X	1905992-X	1906002-X
	XG (850 nm 50/125 μm) Multimode	1907134-X	1906090-X	1906070-X	1905079-X
	62.5/125 μm Multimode	1907124-X	1906051-X	1828872-X	1906080-X
	Single-mode	1906904-X	1905109-X	1905089-X	1905099-X
YELLOW	50/125 μm Multimode	1907116-X	1906014-X	1905994-X	1906004-X
	XG (850 nm 50/125 μm) Multimode	1907136-X	1906092-X	1906072-X	1906082-X
	62.5/125 μm Multimode	1907126-X	1906053-X	1828871-X	1906043-X
	Single-mode	1906906-X	1905111-X	1905091-X	1905101-X
GREEN	50/125 μm Multimode	1907117-X	1906015-X	1905995-X	1906005-X
	XG (850 nm 50/125 μm) Multimode	1907137-X	1906093-X	1906073-X	1906083-X
	62.5/125 μm Multimode	1907127-X	1906054-X	1828870-X	1906044-X
	Single-mode	1906907-X	1905112-X	1905092-X	1905102-X
BLUE	50/125 μm Multimode	1907115-X	1906013-X	1905993-X	1906003-X
	XG (850 nm 50/125 μm) Multimode	1907135-X	1906091-X	1906071-X	1906081-X
	62.5/125 μm Multimode	1907125-X	1906052-X	1828875-X	1906042-X
	Single-mode	1906905-X	1905110-X	1905090-X	1905100-X
ORANGE	50/125 μm Multimode	1907118-X	1906016-X	1906996-X	1906006-X
	XG (850 nm 50/125 μm) Multimode	1907138-X	1906094-X	1906074-X	1906084-X
	62.5/125 μm Multimode	1907128-X	1906055-X	1906035-X	1906045-X
	Single-mode	1906908-X	1905113-X	1905093-X	1905103-X
BROWN	50/125 μm Multimode	1907121-X	1906019-X	1906999-X	1906009-X
	XG (850 nm 50/125 μm) Multimode	1907141-X	1906097-X	1906077-X	1906087-X
	62.5/125 μm Multimode	1907131-X	1906058-X	1906038-X	1906048-X
	Single-mode	1906911-X	1905116-X	1905096-X	1905106-X
SLATE	50/125 μm Multimode	1907123-X	1906021-X	1906001-X	1906011-X
	XG (850 nm 50/125 μm) Multimode	1907143-X	1906099-X	1906079-X	1906089-X
	62.5/125 μm Multimode	1907133-X	1906060-X	1828283-X	1906050-X
	Single-mode	1906913-X	1905118-X	1906040-X	1905108-X
VIOLET	50/125 μm Multimode	1907120-X	1906018-X	1905998-X	1906008-X
	XG (850 nm 50/125 μm) Multimode	1907140-X	1906096-X	1906076-X	1906086-X
	62.5/125 μm Multimode	1907130-X	1906057-X	1906037-X	1906047-X
	Single-mode	1906910-X	1905115-X	1905095-X	1905105-X
ROSE	50/125 μm Multimode	1907119-X	1906017-X	1905997-X	1906007-X
	XG (850 nm 50/125 μm) Multimode	1907139-X	1906095-X	1906075-X	1906085-X
	62.5/125 μm Multimode	1907129-X	1906056-X	1906036-X	1906046-X
	Single-mode	1906909-X	1905114-X	1905094-X	1905104-X
AQUA	50/125 μm Multimode	1907122-X	1906020-X	1906000-X	1906010-X
	XG (850 nm 50/125 μm) Multimode	1907142-X	1906098-X	1906078-X	1906088-X
	62.5/125 μm Multimode	1907132-X	1906059-X	1906039-X	1906049-X
	Single-mode	1906912-X	1905117-X	1905097-X	1905107-X

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

MPO SECURE Trunk Cable Assemblies



Product Facts

- Ten color-coded keyed designs limit improper connections in segregated or secure networks
 - MPO SECURE plugs only mate with MPO SECURE adapters of the same color
- Twelve (12) fibers per MPO SECURE plug
- Easy installation - MPO SECURE plugs are push/pull connectors
- Trunk cables come pre-tested and ready for immediate use with MPO SECURE plugs on both ends
- Pulling socks protect MPO SECURE terminations during installation
- Trunk cable fiber polarity is Pair-Flipped (AB/BA)
 - Trunk cables with straight-through polarity (AB/AB) are available - *call for details*
- 12 and 24 fiber MPO SECURE trunk cables meet or exceed the requirements of GR-409-CORE and UL/NEC rating for Riser and Plenum applications.
 - Plenum cables can be used in riser spaces
- Quick Ship available for MPO SECURE cable assemblies
- Additional fiber counts and custom lengths are available - *call for details*

Description	Fiber Type	MPO SECURE Plug Color/Keying	Part Number		
			12-Fiber	24-Fiber	
MPO SECURE Trunk Cable Assemblies OFNP	50/125 μm	Red	6754273-X	6754281-X	
		Yellow	6754276-X	6754284-X	
		Green	6754274-X	6754282-X	
		Blue	6754275-X	6754283-X	
		Rose	1918741-X	1918759-X	
		Aqua	1918742-X	1918760-X	
		Brown	1918743-X	1918761-X	
		Violet	1918744-X	1918762-X	
		Orange	1918745-X	1918763-X	
		Slate	1918746-X	1918764-X	
		Red	6754420-X	6754424-X	
		Yellow	6754421-X	6754425-X	
		Green	6754422-X	6754426-X	
		Blue	6754423-X	6754427-X	
		Rose	1918753-X	1918771-X	
		Aqua	1918754-X	1918772-X	
		Brown	1918755-X	1918773-X	
		Violet	1918756-X	1918774-X	
	Orange	1918758-X	1918775-X		
	Slate	1918759-X	1918776-X		
	Red	6754269-X	6754277-X		
	Yellow	6754272-X	6754280-X		
	Green	6754270-X	6754278-X		
	Blue	6754271-X	6754279-X		
	Rose	1918747-X	1918765-X		
	Aqua	1918748-X	1918766-X		
	Brown	1918749-X	1918767-X		
	Violet	1918750-X	1918768-X		
	Orange	1918751-X	1918769-X		
	Slate	1918752-X	1918770-X		
		62.5/125 μm			

X denotes length in feet: -1 = 10, -2 = 20, -3 = 30, -4 = 40, -5 = 50, -6 = 60, -7 = 70, -8 = 80, -9 = 90, 1--0 = 100, 1--1 = 110, 1--2 = 120, 1--3 = 130, 1--4 = 140, 1--5 = 150, 1--6 = 160, 1--7 = 170, 1--8 = 180, 1--9 = 190, 2--0 = 200, 2--1 = 210, 2--2 = 220, 2--3 = 230, 2--4 = 240, 2--5 = 250, 2--6 = 260, 2--7 = 270, 2--8 = 280, 2--9 = 290, 3--0 = 300

MPO SECURE Cassettes

MPO SECURE Optical Fiber Cassettes



Product Facts

- Ten color-coded keyed designs limit improper connections in segregated or secure networks
 - MPO SECURE plugs only mate with MPO SECURE adapters of the same color
- Cassettes have one MPO SECURE connection (12-Fiber) or two MPO SECURE connections (24-Fiber) on the back
- Cassettes house one or two 12-fiber break-out assemblies
- MPO SECURE cassette color matches the LC SECURE or MT-RJ SECURE adapter color of the cassette
- Cassette fiber polarity is Pair-Flipped (AB/BA)
 - Cassettes with Pair-Straight polarity (AB/AB) are available - call for details
- Cassettes have same footprint as the snap-in adapter plates and fit in unloaded optical fiber enclosures listed in chapters 2.5 and 2.6.
- Factory tested and ready for installation
- Quick Ship available for MPO SECURE cassettes

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Description	Fiber Type	Fiber Count	Duplex Port Count	Part Number	
				MT-RJ SECURE	LC SECURE
MPO SECURE Cassettes	50/125 μm Multimode	12	6	6754286-X	1918779-X
		24	12	6754288-X	1918780-X
	XG (850 nm LO 50/125 μm)	12	6	1918777-X	1918783-X
		24	12	1918778-X	1918784-X
	62.5/125 μm Multimode	12	6	6754285-X	1918781-X
		24	12	6754287-X	1918782-X
	Single-mode	12	6	1938996-X	1938056-X
		24	12	6828819-X	1938965-X

X denotes cassette connector color: -2 = Red, -3 = Green, -4 = Blue, -5 = Yellow, -6 = Orange, -7 = Brown, -8 = Violet, -9 = Rose, 1--0 = Slate, 1--1 = Aqua

Standard MPO to LC SECURE Optical Fiber Cassettes



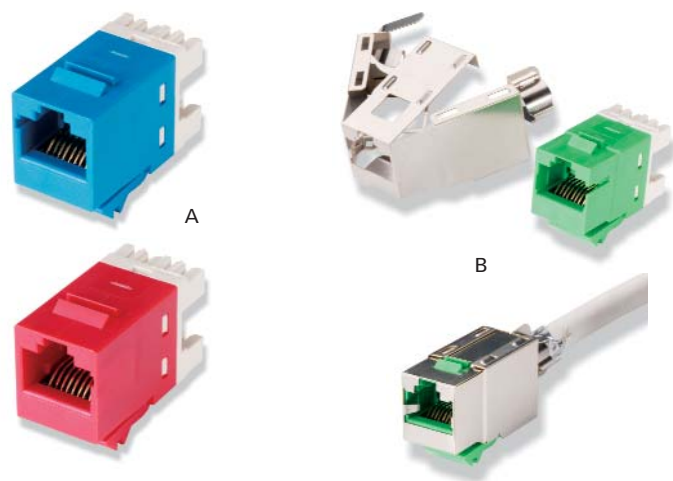
Description	Fiber Type	Fiber Count	Duplex Port Count	Part Number
				LC SECURE
Standard MPO Cassettes	50/125 μm Multimode	12	6	1985798-X
		24	12	1938966-X
	XG (850 nm LO 50/125 μm)	12	6	1985713-X
		24	12	1918785-X
	62.5/125 μm Multimode	12	6	1985799-X
		24	12	1938967-X
	Single-mode	12	6	1985797-X
		24	12	1918786-X

X denotes LC SECURE connector color: -2 = Red, -3 = Green, -4 = Blue, -5 = Yellow, -6 = Orange, -7 = Brown, -8 = Violet, -9 = Rose, 1--0 = Slate, 1--1 = Aqua

- Ten color-coded keyed designs limit improper connections in segregated or secure networks
- Cassettes have one MPO connection (12-Fiber) or two MPO connections (24-Fiber) on the back
- Cassettes house one or two 12-fiber break-out assemblies
- Cassette fiber polarity is Pair-Flipped (AB/BA)
 - Cassettes with Pair-Straight polarity (AB/AB) are available - call for details
- Cassettes have same footprint as the snap-in adapter plates and fit in unloaded optical fiber enclosures listed in chapters 2.5 and 2.6.
- Factory tested and ready for installation
- Use standard MPO trunk cable assemblies (see Chapter 2.3)

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RJ45 SECURE SL Series Category 6 Modular Jacks



Wiring Pattern		Figure	Part Number
T568A/T568B	Unshielded	A	1479794-X
	Shielded 180° (Rear) Entry	B	1479795-X

X denotes color: -1 = Red, -2 = Yellow, -3 = Green, -4 = Blue, -8 = Violet, -9 = Orange

Product Facts

- Six color-coded keyed designs limit improper connections in segregated or secure networks
 - RJ45 SECURE plugs only mate with RJ45 SECURE jacks of the same color
- Configure faceplates with one or more RJ45 SECURE connectors to provide a common access point to multiple segregated or secure networks
- Same thin profile as standard RJ45 SL Series jacks - easily snaps into SL Series modules, duplex mounting straps, patch panels, and enclosures
- May be used in straight or angled faceplate modules
- 180° cable dress for easy termination
 - Unshielded jacks also allow 90° cable dress
- Universal wiring label permits wiring to T568A or T568B
- Bend-limiting strain relief included with unshielded jacks
- UL Listed: E8 1956
- 8-Position RJ45 SECURE Modular Jacks for 1-, 2-, 3-, and 4-Pair applications
- Shielded and unshielded jacks
- Can be terminated with SL Series Modular Jack Termination Tool 1725 150-1

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Category 6 RJ45 SECURE Patch Cable Assemblies



Product Facts

- Six color-coded keyed designs limit improper connections in segregated or secure networks
 - RJ45 SECURE plugs only mate with RJ45 SECURE jacks of the same color
- RJ45 SECURE assemblies have a standard plug on one end and a RJ45 SECURE plug on the other end
- Color-matched snagless boots
- Universal wiring (T568A/T568B)
- 26 AWG stranded conductors
- Shielded and unshielded cable assemblies
- Cable assemblies are riser-rated

Description	Part Number					
	Red	Yellow	Green	Blue	Violet	Orange
RJ45 SECURE Unshielded	1499841-X	1499842-X	1499843-X	1499844-X	1499845-X	1499846-X
RJ45 SECURE Shielded	1499848-X	1499849-X	1499850-X	1499851-X	1499852-X	1499853-X

X denotes length in feet: -2 = 2, -3 = 3, -4 = 4, -5 = 5, -6 = 6, -7 = 7, -8 = 8, -9 = 9, 1-0 = 10, 1-2 = 12, 1-4 = 14, 1-5 = 15, 1-6 = 16, 2-0 = 20, 2-5 = 25, 3-0 = 30, 4-0 = 40, 5-0 = 50

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