

Fiber

Thread-Lock® Connectors

Thread-lock fiber connectors are a high performance commercial-grade component, yet fast and easy to install in home or small office environment. Available in SC, FC and ST® versions for both singlemode and multimode. These connectors are field configurable and do not require the use of extra tools or epoxy. The thread-lock connector affixes to the fiber by simply screwing onto a tapered threaded connector body. The connector can, if necessary, be removed and reinstalled without damaging the fiber cables. This allows connectors to screw on and off of fiber cables without being damaged, so connectors can be re-installed, if necessary. Connectors comply with the TIA/EIA-568-A and meet industry standards for performance and tensile strength. The Duplex SC Clip keeps two assembled Thread-Lock connectors together to maintain "transmit/receive" fiber integrity.



A



B



C

Thread-Lock® Connectors	
Description	Part Number
(A) SC Thread-Lock Multimode Connector Individual polybag pack	49884-MSC
SC Thread-Lock Singlemode Connector Individual polybag pack	49884-SSC
(B) FC Thread-Lock Multimode Connector Individual polybag pack	49883-MFC
FC Thread-Lock Singlemode Connector Individual polybag pack	49883-SFC
(C) ST Thread-Lock Multimode Connector Individual polybag pack	49882-MST
ST Thread-Lock Singlemode Connector Individual polybag pack	49882-SST
SC Duplex Clip 25 clips per polybag pack	49884-DPC
Nylon Retention Sleeve 10 per polybag pack	49885-SLV
250 Micron Build Up Sleeve (BUS) 10 per polybag pack	49885-2BS
900 Micron Build Up Sleeve (BUS) 10 per polybag pack	49885-9BS
900 Micron Jacketed Fiber Build Up Sleeve (BUS) (1/4 inch) 10 per polybag pack	49885-JBS



Door is L-shaped for maximum access to couplings through the open sidewall.

Door Options:

- Split with single lock
- Split with two locks (custom option)
- Solid with single lock
- Solid without lock



Unique cable management ring is adjustable and stackable to simplify fiber loop installation, bend radius compliance, and future maintenance/additions. Stores 3 meters of 900 micron fiber per adapter.



Houses two mounting plates for assorted fiber or multimedia applications, including ST, SC, FC, MT-RJ and QuickPort.



Sidewall cutout gives completely unobstructed access to the bulkheads when door is open (covered when door is closed).



D

Small Wall Mount Panels

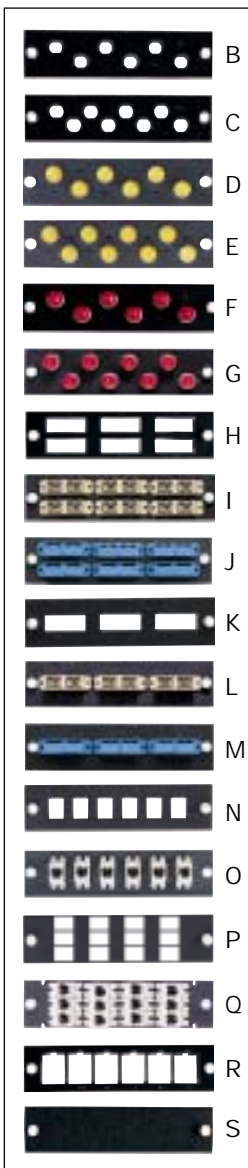
Small Wall Mount Panels 8.0"H x 13.0"W x 3.5"D	
Description	Part Number
(D) Empty with Solid Metal Door, No Lock Boxed unit pack	5W110-00N
Empty with Split Metal Door and One Lock/Key Boxed unit pack	5W120-00N
Empty with Solid Metal Door and Lock/Key Boxed unit pack	5W170-00N



Cable Management Rings

Cable management rings can be stacked on top of existing rings for additional cable storage or management or can stand alone. Can be used with Category 5 twisted pair wire or fiber optic cable.

Cable Management Rings	
Description	Part Number
(A) Fiber Optic Cable Management Rings 2 per polybag pack	5R100-FR



Fiber Optic Mounting Plates and Adapters

Fiber mounting plates fit neatly into any Leviton fiber housing and are available pre-configured with single ST, duplex SC, MT-RJ fiber optic adapters or unloaded. A blank metal mounting plate is also available. The QuickPort® unloaded snap-in connector mounting plate must be configured with QuickPort® snap-in modules. These mounting plates compliment the fiber distribution panels.

The Multi-Media Adapter Bracket (PN 47612-MMA) provides a mounting point for mounting plates inside the Structured Media Center. The bracket supports any combination of two mounting plates, which accommodate SC, ST, FC, MT-RJ, BNC, F and all QuickPort connectors. It snaps easily into any of Leviton's Structured Media Centers with push-pins.

Fiber Optic Mounting Plates and Adapters	
Description	Part Number
(B) Unloaded Prepunched ST/FC Mounting Plate, 6-Pack	5F100-0ST
(C) Unloaded Pre-punched ST/FC Mounting Plate, 8-Pack	5F100-NST
(D) Loaded SM/MM ST Mounting Plate, 6-Pack, Phosphor-Bronze Sleeve	5F100-1ST
Loaded SM/MM ST Mounting Plate, 6-Pack, Zirconia Ceramic Sleeve	5F100-6ZT
(E) Loaded SM/MM ST Mounting Plate, 8-pack, Phosphor-Bronze Sleeve	5F100-8ST
Loaded SM/MM ST Mounting Plate, 8-Pack, Zirconia Ceramic Sleeve	5F100-8ZT
(F) Loaded SM/MM FC Mounting Plate, 6-Pack, Phosphor-Bronze Sleeve	5F100-1PF
Loaded SM/MM FC Mounting Plate, 6-Pack, Zirconia Ceramic Sleeve	5F100-6ZF
(G) Loaded SM/MM FC Mounting Plate, 8-pack, Phosphor-Bronze Sleeve	5F100-8FC
Loaded SM/MM FC Mounting Plate, 8-Pack, Zirconia Ceramic Sleeve	5F100-6ZF
(H) Unloaded Prepunched duplex SC Mounting Plate, 6-Pack	5F100-0SC
(I) Loaded Duplex SM/MM SC Mounting Plate, 6-Pack, Phosphor-Bronze Sleeve, Beige	5F100-6BC
(J) Loaded Duplex SM/MM SC Mounting Plate, 6-Pack, Phosphor-Bronze Sleeve, Blue	5F100-CSC
Loaded Duplex SM/MM SC Mounting Plate, 6-Pack, Zirconia Ceramic Sleeve, Blue	5F100-6ZC
(K) Unloaded Prepunched Duplex SC Mounting Plate, 3-Pack	5F100-3CE
(L) Loaded Duplex SM/MM SC Mounting Plate, 3-Pack, Phosphor-Bronze Sleeve, Beige	5F100-3BC
(M) Loaded Duplex SM/MM SC Mounting Plate, 3-Pack, Phosphor-Bronze Sleeve, Blue	5F100-3SC
Loaded Duplex SM/MM SC Mounting Plate, 3-Pack, Zirconia Ceramic Sleeve, Blue	5F100-3ZC
(N) Unloaded MT-RJ Mounting Plate, 6-Pack	5F100-0MT
(O) Loaded MT-RJ Mounting Plate, 6-Pack	5F100-6MC
(P) Unloaded MT-RJ Mounting Plate, 12-Pack	5F100-012
(Q) Loaded MT-RJ Mounting Plate, 12-Pack	5F100-12M
(R) QuickPort® Snap-In Connector adapter bulkhead, (Connectors sold separately, Section B)	5F100-6QP
(S) Blank Metal Mounting Plate	5F100-BLK
Blank Plastic Mounting Plate	5F100-BPP
(T) Multi-Media Bracket	47612-MMA
Individual polybag pack	
Loaded Pre-Punched F-Connector Mounting Plate (Holds 6 connectors, photograph not shown)	5F100-6VF
Individual polybag pack	
Loaded Pre-Punched BNC Mounting Plate (Holds 6 connectors, photograph not shown)	5F100-BNC
Individual polybag pack	

Loaded = includes the specified couplings installed.

Unloaded = punched for but not including the specified couplings.

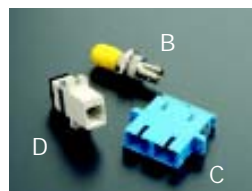




Fiber Optic Mounting Plates and Adapters - Continued

QuickPort® Snap-In Module		
Description	Ivory	White
(A) QuickPort® ST Fiber Optic Coupling Individual polybag pack	41084-SIF	41084-SWF

*For additional QuickPort Multimedia snap-in modules see page 28.



Fiber Optic Adapters

Fiber Optic Adapters	
Description	Part Number
(B) ST Adapter with Phosphor Bronze Sleeve Individual polybag pack	49882-SAD
SC Duplex Adapter with Phosphor Bronze Sleeve (beige) Individual polybag pack	49884-BAD
SC Duplex Adapter with Zirconia Sleeve Individual polybag pack	49884-SAD
(C) SC Duplex Adapter with Phosphor Bronze Sleeve (blue) Individual polybag pack	49884-MAD
(D) MT-RJ Adapter (beige) Adapter with Phosphor Bronze Sleeve Individual polybag pack	49889-MAD



Fiber Optic Cable Assemblies

These high density, high capacity cable assemblies are an ideal solution to connecting high density peripherals to network adapters. They are available in simplex and duplex, multimode and singlemode versions and come in a variety of connector styles. All cables are OFNR-riser rated and meet all applicable TIA/EIA and industry standards.

Fiber Optic Cable Assemblies, OFNR Riser-Rated							
Description		Part Number					
Connector Style Standard	Density	Singlemode Fiber				Multimode Fiber	
		PC Polish	SPC Polish	UPC Polish	APC Polish	50 micron	62.5 micron
MT-RJ to MT-RJ	Duplex	PCDMJ-S**	SPDMJ-S**	UPDMJ-S**	APDMJ-S**	50DMJ-M**	62DMJ-M**
ST to ST	Duplex	PCDST-S**	SPDST-S**	UPDST-S**	APDST-S**	50DST-M**	62DST-M**
ST to ST	Simplex	PCSST-S**	SPSST-S**	UPSST-S**	APSST-S**	50SST-M**	62SST-M**
SC to SC	Duplex	PCDSC-S**	SPDSC-S**	UPDSC-S**	APDSC-S**	50DSC-M**	62DSC-M**
SC to SC	Simplex	PCSSC-S**	SPSSC-S**	UPSSC-S**	APSSC-S**	50SSC-M**	62SSC-M**
FC to FC	Duplex	PCDFC-S**	SPDFC-S**	UPDFC-S**	APDFC-S**	50DFC-M**	62DFC-M**
FC to FC	Simplex	PCSFC-S**	SPSFC-S**	UPSFC-S**	APSFC-S**	50SFC-M**	62SFC-M**
Hybrid							
MT-RJ to SC	Duplex	PCDCM-S**	SPDCM-S**	UPDCM-S**	APDCM-S**	50DCM-M**	62DCM-M**
MT-RJ to ST	Duplex	PCDTM-S**	SPDTM-S**	UPDTM-S**	APDTM-S**	50DTM-M**	62DTM-M**
ST to SC	Duplex	PCDCT-S**	SPDCT-S**	UPDCT-S**	APDCT-S**	50DCT-M**	62DCT-M**
ST to SC	Simplex	PCSCT-S**	SPSCT-S**	UPSCT-S**	APSCT-S**	50SCT-M**	62SCT-M**
ST to FC	Duplex	PCDTF-S**	SPDTF-S**	UPDTF-S**	APDTF-S**	50DTF-M**	62DTF-M**
ST to FC	Simplex	PCSTF-S**	SPSTF-S**	UPSTF-S**	APSTF-S**	50STF-M**	62STF-M**
SC to FC	Duplex	PCDCF-S**	SPDCF-S**	UPDCF-S**	APDCF-S**	50DCF-M**	62DCF-M**
SC to FC	Simplex	PCSCF-S**	SPSCF-S**	UPSCF-S**	APSCF-S**	50SCF-M**	62SCF-M**



6 Fiber Optic Fan Out Kits

These kits are used to safely route 250 micron fibers into 6 individual 900 micron color-coded fiber fan-out buffer tubes via a compact protective housing. The fiber can be directly terminated without the need for splicing. Offered in 24" and 36", these fan-out kits are designed to work with any Thread-Lock® connector.

6 Fiber Optic Fan Out Kits	
Description	Part Number
(A) 6 Fiber Optic Fan-Out Kits with 24" Tubing Individual polybag pack	49887-6S
6 Fiber Optic Fan-Out Kits with 36" Tubing Individual polybag pack	49887-6L



Universal Fiber Optic Tool Kits

The Universal Fiber Optical Tool Kit comes complete with all tools needed to terminate any fiber installation. This compact and lightweight kit can be carried on a tool belt, and features high quality tools suitable for both single-mode or multi-mode fiber. Kit includes a laser-safe inspection scope, fiber stripper, scribing tool, polishing pad and puck, jacket stripper, music wire, Kevlar scissors and safety glasses. The Universal Fiber Optic Tool Kit Plus comes with the Thread-Lock® Versa-Cleave™, for a perfect cleave every time. The consumable kits are also available for single-mode or multi-mode applications and contain polyester wipes, alcohol pads, music wire and various high quality lapping film for a flawless finishing touch.

Universal Fiber Optic Tool Kits	
Description	Part Number
(B) Universal Fiber Optic Tool Kit (for SM and MM connectors) Individual boxed unit pack	49800-UTK
Universal Fiber Optic Tool Kit Plus (Includes Versa-Cleave™) Individually boxed unit pack	49800-UTP
Single Mode Fiber Optic Consumables Kit Individual boxed unit pack	49800-SCK
Multi Mode Fiber Optic Consumables Kit Individual boxed unit pack	49800-MCK

For more information on fiber optic tools, connectors and adapters see Fiber Section.

Thread-Lock® Versa Cleave Tool

This innovative tool features an ergonomic stop-watch design, a diamond cutting edge, and a unique debris cup that retains fiber cuttings until they can be disposed of properly. Versa Cleave will work with any style or brand of 2.5mm fiber connector. This tool is included with the Universal Fiber Optic Tool Kit Plus.



Thread-Lock® Versa Cleave Tool	
Description	Part Number
(C) Versa-Cleave Tool Individual polybag pack	49886-TVC
Versa-Cleave Adapter for Spectro-Link MT-RJ Workstation Connector	49886-VWA
Versa-Cleave Adapter for Spectro-Link MT-RJ Frame-Station Connector	49886-VFA
Versa-Cleave Adapter Kit for Spectro-Link MT-RJ (includes 49886-VWA and -VFA)	49886-VSA



Thread-Lock® Tightening Tools

Available in two styles, FC and Combination SC/ST, tightening tools help simplify Thread-Lock connectorization by providing a wider gripping area to make it easier to tighten the connector plug. Use the jacket stripper (Claus WS-6) included in Leviton installation kits as a small pliers to hold the nylon sleeve head while the tool grips and rotates the metal connector plug. The tightening tools also protect the exposed fiber during the tightening process. The Combination tightening tool has an SC-style end and an ST-style end, for greater convenience and flexibility.

Thread-Lock® Tightening Tools	
Description	Part Number
SC/ST Combination Tightening Tool Individual polybag pack (must be ordered in increments of 10)	49886-CTT
(D) FC Tightening Tool Individual polybag pack (must be ordered in increments of 10)	49883-FCT