	RACK MOUNT INTERCONNECT CENTER (RIC3) (pages 4.2 – 4.3)	WALL MOUNT INTERCONNECT CENTER (SWIC3) (pages 4.4 – 4.5)	FIBER CONNECT PANEL (FCP3) (pages 4.8 – 4.9)	FIBER MANAGEMENT TRAY (FMT) (page 4.9)
Product Applications	High density, low-to-high fiber count, feature-rich rack mounting solution	High density, low-to-medium fiber count, wall mount	High density, low profile, economical enclosure ideal for low-to-medium fiber count, rack mount applications.	Standard density low cost enclosure for use with CT® or MAX® patch panels to accommodate fiber or mixed media applications.
Mounting Space	2-4 RMS	Wall	1 RMS	1 RMS
Adapters	Quick-Pack™ Adapter Plates	Quick-Pack Adapter Plates	Quick-Pack Adapter Plates	CT Couplers or MAX Modules

Note: 1 RMS = 44.5mm (1.75 in.)

MAXIMUM FIBER CAPACITY								
# FIBERS PER QUICK-PACK	ADAPTER OPTIONS	FCP3	SWIC3-M	SWIC3	RIC24	RIC36	RIC48	RIC72
6	ST, SC, ST/SC, FC	18	12	24	24	36	48	72
8	ST, SC, ST/SC, FC	24	16	32	32	48	64	96
12	ST, SC, MT-RJ, LC	36	24	48	48	72	96	144
16	MT-RJ, LC	48	32	64	64	96	128	192
24	MT-RJ, LC	72	48	96	96	144	192	288

MAXIMUM SPLICING CAPACITY								
SPLICE TYPE		FCP3	SWIC3-M	SWIC3	RIC24	RIC36	RIC48	RIC72
Fusion		72	N/A[1]	48	96	96	96	144
Mechanical		36	N/A[1]	24	48	48	48	72

[1]SWIC3-M does not accept splice trays

SECTION CONTENTS

SIEMON-ITALY

Since September of 2002, Milan has been known for more than just fashion. As the home of Siemon's Italian office, it is now the center of Italy's structured cabling market! Located at an important transportation hub, Siemon Italy covers the entire country with the help of a satellite office in Rome.

Siemon Italy's efforts have provided the region with a well-trained and geographically well-positioned certified installer network, ensuring that our Italian customers experience the full benefit of the world's premier structured cabling solution. Their technical support and customer service are unmatched in the region — a group clearly embracing the Siemon tradition!

Soluzioni di Cablaggio Siemon,
le Basi del Vostro Successo

Web Resources

System Overview

Copper and Fiber Work Area Products

Copper Patch Panels

Copper Cable Assemblies, Plugs and Cable

Fiber Enclosures and Splicing Accessories

Fiber Cable Assemblies, Connectors and Kits

Racks, Enclosures and Cable Management

Industrial Products

MapIT Intelligent Patching

S210 Connecting Block System

S110 Connecting Block System

S66 Connecting Block System and Protection

Tools, Testers and Test Adapters

Standards Update

Glossary

Index

RACK MOUNT INTERCONNECT CENTER (RIC3)

The RIC3 provides the best overall value for exceptional fiber management. The RIC3 enclosure offers superior fiber density (up to 288 fibers in just 4 RMS) without sacrificing fiber protection and accessibility. Features include a fully removable tray, improved labeling, standard front and rear door locks, and single-finger door latches. With superior cable management, port identification, fiber accessibility and security, the RIC3 is the best way to protect mission critical fiber connections.

1 Quick-Release Hinges — Spring loaded quick-release hinges enable easy removal of front and rear doors for complete access to fiber connections

2 Enhanced Labeling — Label virtually any port configuration with our hinged labels. The labels hang on the front door for improved visibility. When the door is opened, labels flip down allowing ready viewing of the label and corresponding ports

3 Rotating Grommets — Patented rotating grommets facilitate loading and retention of jumpers and fiber while minimizing microbending stress when using the sliding tray

4 Complete Access — Management tray has a positive stop in both front and rear working positions providing complete access for moving, adding, changing, or cleaning of fiber connections

5 Maximum Capacity — The RIC3 enables a maximum amount of fibers to be patched or patched and spliced in a 2, 3, and 4 RMS enclosure without compromising the accessibility. This allows more efficient utilization of rack space

6 Superior Design — Top and bottom access holes located at the rear of the enclosure allow fibers to be routed between tandem enclosures without having to run fibers outside of the enclosure

Removable Tray

The RIC3 cable management tray is now completely removable from the front or rear of the enclosure, allowing the entire tray to be moved to a work table for more convenient loading of adapter plates, pigtails and splice trays.

Improved Door Latching and Locking

The RIC3 features a single-finger latch on both front and rear doors. Included door locks prevent unauthorized access for enhanced security.

Quick-Pack™ Adapter Plates

Never fumble with clumsy latches in a densely packed fiber enclosure again! Siemon Quick-Pack adapter plates can be inserted or removed with a single-finger for quick and easy access to fiber connections.

RACK MOUNT INTERCONNECT CENTER (RIC3)

☑ FOCUS PATENTED c(UL)us

Siemon RIC3 enclosures are designed for enhanced fiber management and ease of use. They are compatible with an array of Siemon fiber Quick-Pack™ adapter plates for your choice of fiber adapters and port density *(see page 4.6)*.

Part #	Description
RIC3-24-01	24- to 96-port Rack Mount Interconnect Center, 2 RMS, black

height: 86.6mm (3.41 in.), width: 432mm (17.00 in.), depth: 380mm (14.95 in.)

Part #	Description
RIC3-36-01	36- to 144-port Rack Mount Interconnect Center, 2 RMS, black

height: 86.6mm (3.41 in.), width: 432mm (17.00 in.), depth: 380mm (14.95 in.)

Part #	Description
RIC3-48-01	48- to 192-port Rack Mount Interconnect Center, 3 RMS, black

height: 133mm (5.25 in.), width: 432mm (17.00 in.), depth: 380mm (14.95 in.)

Part #	Description
RIC3-72-01	72- to 288-port Rack Mount Interconnect Center, 4 RMS, black

height: 178mm (7.00 in.), width: 432mm (17.00 in.), depth: 380mm (14.95 in.)

Note: 1 RMS = 44.5mm (1.75 in.)

Note: All RIC products include laser-printable labels*, cable ties, rack-mounting hardware, and pre-installed fiber management clips.

*Visit our web site or contact our Technical Support Department for labeling software.

RELATED PRODUCTS Quick-Pack Adapter Plates page 4.6, Splice Trays page 4.10, Fiber Jumpers and Pigtails pages 5.2 – 5.5

FIBER STORAGE CENTER (FSC3)

The Siemon 3 RMS rack mount Fiber Storage Center (FSC3) is typically utilized in tandem with a Rack Mount Interconnect Center (RIC3). Fiber jumpers exiting the front of the RIC3 are routed into the FSC3 for slack storage. The design features bend radius compliant managers which facilitate loading of jumpers and a single-finger latch on the door for easier access.

Part #	Description
FSC3-01	Fiber Storage Center, 3 RMS, black

height: 133mm (5.25 in.), width: 432mm (17.00 in.), depth: 380mm (14.95 in.)

Note: 1 RMS = 44.5mm (1.75 in.)

WALL MOUNT INTERCONNECT CENTER (SWIC3)

The Wall Mount Interconnect Center (SWIC3) is a cost-effective fiber enclosure designed to manage and protect up to 96 fiber connections. The low-profile, compact design makes it ideal for telecommunications closets or other installation areas where wall space is a premium. The adapter mounting method is standardized on the same snap-in Quick-Pack™ adapter plates used in our family of Rack Mount Interconnect Centers (RIC3).
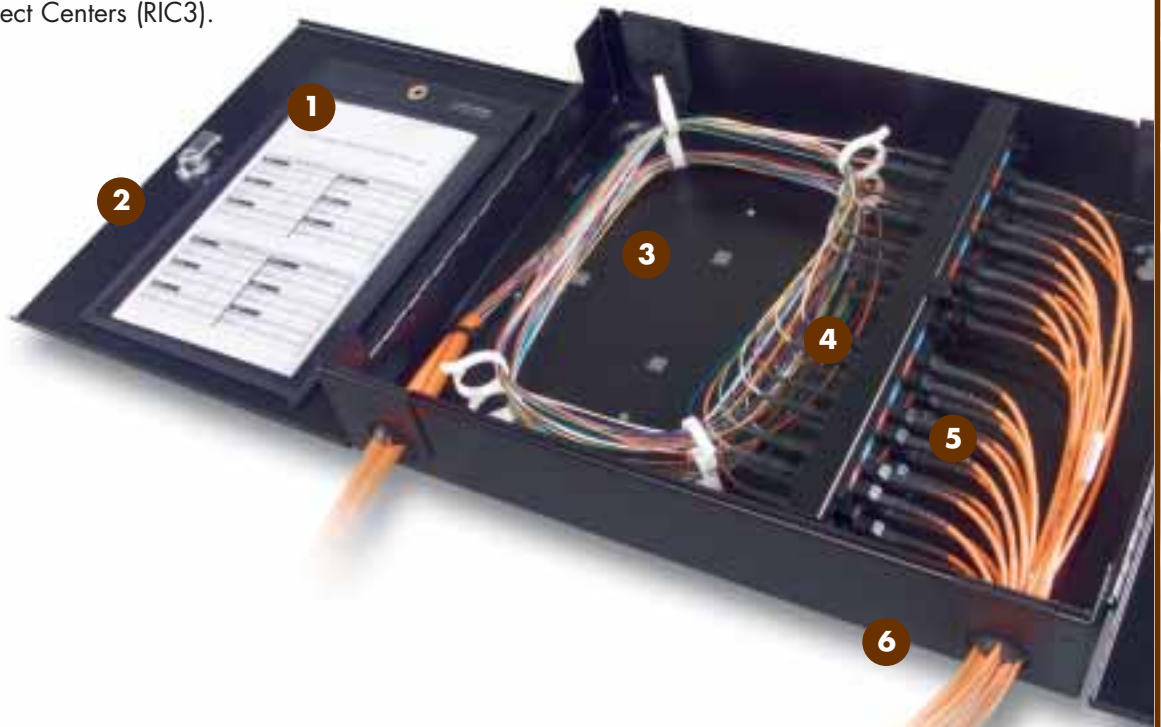
1 Convenient Labeling — Convenient labeling system includes removable clear label holders for storing and protecting fiber documentation

2 Door Options — Doors on enclosure and jumper guard can be ordered with independent key lock or latching options

3 Optional Splice Tray Bracket — Optional bracket available for mounting multiple splice trays *(not shown)*

4 Available with Quick-Pack Adapter Plates — Quick-Pack adapter plates are available with SC, ST, FC, MT-RJ, or LC adapters *(see page 4.6)*

5 Fiber Jumper Guard — Integrated hinged fiber guard provides jumper protection and management

6 Accessories — Dust-proofing grommets included

Easy Access

Doors on enclosures and jumper guard swing open a full 180° to provide complete front and side access.

Dual-Level Fiber Managers

Incorporates two independent levels of storage to enable the fiber to be routed at levels that correspond to the adapters.

Snap-in Adapter Plates

Utilizes same Quick-Pack adapter plates as RIC3 enclosures with integrated latches for snap-in installation and single-finger removal.

WALL MOUNT INTERCONNECT CENTER (SWIC3)

☑ FOCUS PATENTED ᶜ(UL)ᵤₛ

Part #	Description
SWIC3-(X)-01	24- to 96-port Wall Mount Interconnect Center, black. Includes dual-level fiber managers, port designation labels and removable pocket, dust-proofing grommets, strain relief hardware, cable ties, and mounting hardware.
	height: 311mm (12.25 in.),
	width: 311mm (12.25 in.),
	depth: 82.6mm (3.25 in)

Use (X) to specify type of lock on the enclosure: A = key lock *C = thumb-turn latch*

Part #	Description
SWIC3G-(X)(X)-01	24- to 96-port Wall Mount Interconnect Center with integrated jumper guard, black. Includes dual-level fiber managers, port designation labels and removable pocket, dust-proofing grommets, strain relief hardware, cable ties, and mounting hardware.
	height: 311mm (12.25 in.),
	width: 406mm (16 in.),
	depth: 82.6mm (3.25 in)

Use 1st (X) to specify type of lock on the enclosure (left) door:
A = key lock, *C = thumb-turn latch*
Use 2nd (X) to specify type of lock on the guard (right) door:
A = key lock, *C = thumb-turn latch*

Part #	Description
TRAY-B-01	Bracket for mounting up to 4 mini splice trays to SWIC3 base

RELATED PRODUCTS Quick-Pack™ Fiber Adapter Plates page 4.6, Splice Trays page 4.10, Fiber Jumpers and Pigtails pages 5.2 – 5.5

MINI WALL MOUNT INTERCONNECT CENTER

☑ FOCUS PATENTED

The SWIC3 enables the economical interconnection of fiber in locations where wall space is limited while still providing many of the popular, installer-friendly features of the SWIC3. By accepting two flat Quick-Pack™ adapter plates, the SWIC3 can accommodate from 12-48 fibers. Also included are dust-proofing grommets to provide protection from contaminants and bend radius guides to ensure proper storage of fiber slack.

Part #	Description
SWIC3-M-01	12- to 48-port Mini Wall Mount Interconnect Center, black
	height: 218.4mm (8.6 in.),
	width: 185.4mm (7.3 in.),
	depth: 82.6mm (3.25 in.)

FLAT QUICK-PACK™ ADAPTER PLATES

FOCUS PATENTED

Siemon Quick-Pack adapter plates feature a patent pending integrated latch, which provides single-finger access to fiber even in fully populated enclosures. Choose from our wide variety of singlemode and multimode plate options.

RIC-F-SC6-01 . . . .
3 duplex SC adapters
(6 fibers)

RIC-F-SC8-01 . . . .
4 duplex SC adapters
(8 fibers)

RIC-F-SC12-01 . . . .
6 duplex SC adapters
(12 fibers)

RIC-F-SA6-01 . . . .
3 duplex ST adapters
(6 fibers)

RIC-F-SA8-01 . . . .
4 duplex ST adapters
(8 fibers)

RIC-F-SA12-01 . . . .
6 duplex ST adapters
(12 fibers)

Only recommended for push-pull design connectors due to access constraints

RIC-F-LC12-01 . . . .
6 duplex LC adapters
(12 fibers), beige adapters

RIC-F-LCU12-01 . . . .
6 duplex LC adapters
(12 fibers), blue adapters
(not shown)

RIC-F-LC16-01 . . . .
4 quad LC adapters
(16 fibers), beige adapters

RIC-F-LCU16-01 . . . .
8 duplex LC adapters
(16 fibers), blue adapters
(not shown)

RIC-F-LC24-01 . . . .
6 quad LC adapters
(24 fibers), beige adapters

RIC-F-LCU24-01 . . . .
12 duplex LC adapters
(24 fibers), blue adapters
(not shown)

RIC-F-MT12-01 . . . .
6 duplex MT-RJ adapters
(12 fibers)

RIC-F-MT16-01 . . . .
8 duplex MT-RJ adapters
(16 fibers)

RIC-F-MT24-01 . . . .
12 duplex MT-RJ adapters
(24 fibers)

RIC-F-AC6-01 . . . .
3 duplex ST-SC adapters
(6 fibers, front side = SC)

RIC-F-AC8-01 . . . .
4 duplex ST-SC adapters
(8 fibers, front side = SC)
(not shown)

RIC-F-FC6-01 . . . .
6 FC adapters (6 fibers)

RIC-F-FC8-01 . . . .
8 FC adapters (8 fibers)
(not shown)

RIC-F-BLNK-01 . . . .
Blank adapter plate

Each adapter plate with icon pockets includes red, blue, black, and clear icons with paper labels.
All SC and ST adapters are "universal" to support multimode and singlemode.

PRE-LOADED RIC3 ENCLOSURES

Need to reduce backbone installation time yet maintain superior quality? Siemon offers the perfect solution with our pre-terminated RIC3 fiber enclosures. Choose from RIC3 enclosures with a variety of connector interfaces pre-loaded with adapters and pigtails for patch and splice applications. All solutions feature Siemon high quality factory fiber terminations, which guarantee significant margin over TIA/EIA and ISO/IEC specifications. Siemon offers a choice of two grades of fiber for these pre-loaded enclosures — LightSystem® (for Gigabit Ethernet) or XGLO™ (10 Gigabit Ethernet). To order pre-loaded RIC3 enclosures, use the part numbering matrix below, or call Customer Service for assistance.

R 2 4 - J B 0 2 4 J - 0 1

Enclosure:

24 = RIC3-24
36 = RIC3-36
48 = RIC3-48
72 = RIC3-72

**Connector/
Adapter Type:**

Singlemode

A = SCUPC
B = SCAPC
C = STUPC
D = LCUPC

Multimode

J = SC
K = ST
L = LC

Color:

B = Black

**# of Fibers
Terminated:**

for example:

024 = 24 fibers
036 = 36 fibers
048 = 48 fibers
144 = 144 fibers

*See fiber enclosure
capacity chart on
page 4.0*

Cable Type:

Singlemode

A = pigtail, buffered, XGLO
D = pigtail, buffered, LightSystem

Multimode

F = 50/125µm pigtail,
buffered, XGLO

H = 50/125µm pigtail,
buffered, LightSystem

J = 62.5/125µm pigtail,
buffered, LightSystem

**Pigtail Length
in Meters:**

for example:

01 = 1 meter

RELATED PRODUCTS Splice Trays page 4.10, Heat Shrink Sleeves page 4.10,
ULTRAsplice® page 4.11, ULTRAsleeve® page 4.11,
Fiber Jumpers pages 5.2 – 5.5
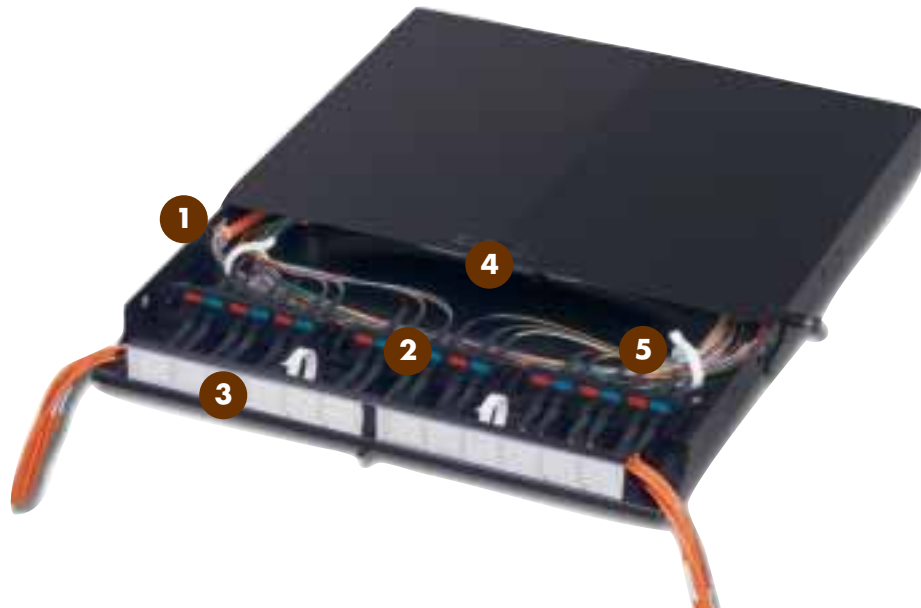
FIBER CONNECT PANEL (FCP3)

Siemon Fiber Connect Panels (FCP3-DWR and FCP3-RACK) economically connect, protect, and manage up to 72 fibers within one Rack Mount Space. It accepts Siemon's Quick-Pack™ adapter plates with patented single-finger access. The FCP3-DWR makes access to the connections easy via a tray that slides out the front or the rear.

1 **Lanced Tabs —** Provide convenient cable anchor points for incoming jacketed fiber cable

2 **Front Fiber Clips —** Manage up to 36 duplex fiber jumpers (72 fibers total)

3 **Label Holder —** Protects fiber jumpers and is readily removable via release of factory-installed snap-latches
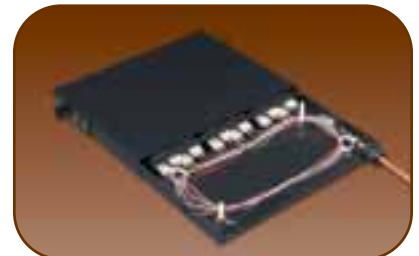
4 **Up to 3 Optional Splice Trays —** Can be mounted to manage and protect either mechanical or fusion splices

5 **Rear Fiber Clips —** Manage cable slack while maintaining minimum bend radius requirements

High Density
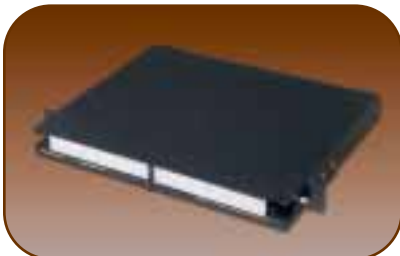
FCP3 enclosures accommodate up to 72 fibers in only 1 RMS on a 19 inch rack.

Sliding Tray

The FCP3-DWR (drawer version) features a tray that slides out from the front or rear, providing easy access to fiber connections even on fully loaded racks and allowing for removal of the entire tray to be placed on a worktable for more convenient termination.

FIBER CONNECT PANEL (FCP3)

✓FOCUS PATENTED

Part #	Description
FCP3-DWR	6- to 72-port Fiber Connect Panel with sliding tray. Includes mounting brackets, housing/tray, fiber managers, grommets, label holders, and labels, black *height: 43.2mm (1.7 in.), width: 482.6mm (19.0 in.), depth: 355.6mm (14.0 in.)*
FCP3-RACK	6- to 72-port Fiber Connect Panel with fixed tray. Includes mounting brackets, housing/cover, fiber managers and grommet, black *height: 43.2mm (1.7 in.), width: 482.6mm (19.0 in.), depth: 241.3mm (9.5 in.)*

FCP3-RACK

RELATED PRODUCTS Fiber Jumpers and Pigtails pages 5.2 – 5.5, Quick-Pack Adapter Plates page 4.6, Compression Fittings see below, Splice Trays page 4.10

COMPRESSION FITTINGS

Compression fittings are utilized as an enhanced method for securing cables to FCP3 fiber enclosures. Acme threads on the body prevent skipping, allowing for faster installations of lock-nuts.

Part #	Description
CF-(XX)	Compression fitting

Use (XX) to specify fiber diameter:
40 = 5.8 – 3.9mm (0.23 – 0.55 in.),
51 = 11.4 – 18.0mm (0.45 – 0.71 in.),
60 = 15.0 – 25.4mm (0.59 – 1.00 in.)

FIBER MANAGEMENT TRAY (FMT)

PATENTED

The Siemon Fiber Management Tray (FMT) is an economical solution for managing fiber cable slack and splice trays. The management tray has been designed to easily retrofit any standard 1 RMS CT® or MAX® Series Patch Panel and can organize up to 32 fibers. The tray is only 254mm (10 in.) deep, allowing it to readily fit into cabinet enclosures. Each enclosure can accept up to two fiber splice trays.

Part #	Description	RMS
CT-FMT-16	Fiber tray for 1 RMS CT or MAX Panel	1

Note: 1 RMS = 44.5mm (1.75 in.)

RELATED PRODUCTS CT Patch Panels pages 2.10 – 2.12, CT Couplers pages 1.16 – 1.21, MAX Patch Panels pages 2.8 – 2.9, MAX Modules pages 1.4 – 1.9, Fiber Splice Trays page 4.10

SPLICE TRAYS

These aluminum trays can be ordered with either fusion, mechanical or fusion with sleeve splice holders and come with a clear, snap-on polycarbonate cover. The standard tray holds up to 24 splices. For tight areas, a mini-tray is available which accommodates up to 12 splices. Trays can be stacked for high-density applications. The splice trays are compatible with RIC, SWIC, FCP and CT-FMT fiber enclosures.

Part #	Description
TRAY-1	Standard splice tray for up to 24 bare fusion splices
TRAY-2	Standard splice tray for up to 12 ULTRAsplice® mechanical splices
TRAY-3	Standard splice tray for up to 24 fusion splices with sleeve protection
TRAY-M-1	Mini splice tray for up to 12 bare fusion splices
TRAY-M-2	Mini splice tray for up to 6 ULTRAsplice mechanical splices
TRAY-M-3	Mini splice tray for up to 12 fusion splices with sleeve protection
TRAY-R-4	Mass or ribbon splice tray for up to 144 fibers Compatible with Siemon MASSsleeve® splice protectors

TRAY-3

TRAY-M-2

Standard Tray Dimensions
height: 103mm (4.07 in.), width: 298mm (11.75 in.), depth: 8.13mm (0.32 in.)

Mini Tray Dimensions
height: 103mm (4.07 in.), width: 179mm (7.06 in.), depth: 8.13mm (0.32 in.)

Mass/Ribbon Tray Dimensions
height: 103mm (4.07 in.), width: 179mm (7.06 in.), depth: 8.13mm (0.32 in.)

TRAY-R-4

Fusion with sleeve splice holders can accommodate sleeve diameters from 1.5mm (0.059 in.) to 3mm (0.117 in.). Standard Fusion splice holders are designed for 900 micron buffered fibers or 250 micron coated fibers.

HEAT SHRINK SLEEVES

Heat shrink sleeves provide a safe and efficient method for protecting fusion splices on either 250 or 900 micron coated fibers. Heat shrink sleeves are threaded on to fibers prior to fusion splicing and then positioned directly over splice and heated via an oven or heat gun*.

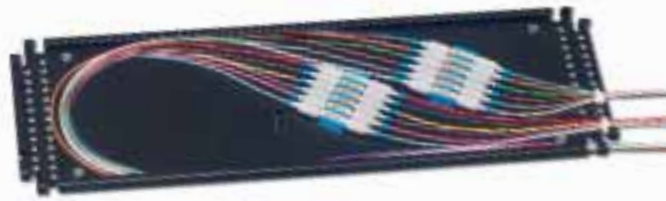| Part #	Description
HT-40	40mm (1.57 in.) heat shrink sleeve
HT-60	60mm (2.36 in.) heat shrink sleeve

Technical Tip!
For cleave lengths greater than 12mm (0.47 in.), HT-60 sleeves are recommended.

*Heating times may vary depending on heat source.

ULTRASPLICE®

PATENTED

The patented ULTRAsplice is a high performance, cost effective, mechanical fiber optic splice that is reusable and easy to install for emergency or permanent installations. The splice features a patented glass capillary alignment tube, pre-loaded with index matching gel, to allow inspection of fiber location during installation. Additionally, the collet locking nuts allow users to tune and secure the fiber for optimum alignment and retention.

Part #	Description
US-126	Singlemode, yellow
US-128	Multimode, 125 micron, orange

By utilizing a VFL during installation, fiber misalignment can easily be detected and corrected.

ULTRAsplice connectors accommodate fiber buffer sizes from 250-900 microns.

The glass capillary allows inspection of fiber misalignments. Using the Visual Fault Locator (P/N: FT-VFL), a light will amplify the fiber misalignment point and allow the user to fine tune the splice.

When fibers are properly aligned, no light will be visible. This feature allows the installer to obtain a low loss splice quickly and efficiently.

ULTRASLEEVE®

PATENTED

Dramatically reduce fiber splicing installation time and cost with Siemon's innovative ULTRAsleeve splice cover. Simply load the fused fiber and close the sleeve — no heat shrink, curing, crimping or gluing required. ULTRAsleeve features an acrylic foam tape, which seals the sleeve and protects the splice from damage. The ULTRAsleeve fusion splice protector can accept a range of fiber buffer sizes from 250-900 microns for a single fiber or up to a 4 strand mass or ribbon fiber (singlemode or multimode).

Part #	Description
FS-40.	40mm (1.57 in.) fusion splice protection sleeve
FS-60.	60mm (2.36 in.) fusion splice protection sleeve

Technical Tip!
For cleave lengths greater than 12mm (0.47 in.), FS-60 sleeves are recommended.

MASSSLEEVE®

PATENTED

The MASSsleeve provides the same time-saving advantages as the ULTRAsleeve, but for mass or ribbon fiber. This protective fusion splice sleeve can accept 2-12 strand mass or ribbon fiber (singlemode or multimode).

Part #	Description
MFS	40mm (1.57 in.), fusion splice protection cover for fused ribbon fiber
MFSCT.	MASSsleeve closing tool
	length: 115mm (4.5 in.), width: 51mm (2.0 in.), height: 25mm (1.0 in.)

The MASSsleeve fusion splice protector can accept 2-12 fused ribbon fiber.

MASSsleeve closing tool is required to insure proper installation. The tool's soft form holder and alignment pins assure accurate alignment.

PLUG AND PLAY
FIBER PRODUCTS

Siemon offers a solution for streamlining fiber installation and termination — the fiber Plug and Play system. This system reduces the labor and logistics of standard fiber installations by providing a pre-terminated, pre-tested fiber optic connection system.

Other plug and play options available.
Contact Siemon Customer Service for availability.

1 Quick Connections — Are completed by plugging 6- or 12-fiber MPO connectors in Plug and Play modules which can be snapped into wall or rack mount enclosures

2 Factory Termination — Significantly reduces labor costs during installation and ensures high performance and reliability of the installed system

3 Multiple Interfaces — In both standard and laser optimized 50/125µm and 62.5/125µm fiber with LC, SC and ST connections

4 Turn-Key Solution — No connectors, termination kits or consumables required

Pre-Terminated Fiber

All fiber connections are factory-terminated and tested, enabling faster installation to meet tight deadlines.

Plug and Play Modules

Modules feature integrated latches for snap-in installation and single-finger removal.

Wall or Rack Mount Solutions

Siemon's Plug and Play modules can be used with any Siemon fiber enclosure (RIC3, SWIC3, FCP3).

PLUG AND PLAY MODULES

The Plug and Play modules snap into any Siemon enclosure (RIC3, SWIC3, FCP3) to provide individual port access when transitioning from MPO connectors at the rear. The modules are factory-terminated and tested for 100% guaranteed performance with SC and ST interfaces. Installer-friendly snap-in design ensures fast and reliable installation.

Part #   **Description**

PP6-SA(X)MM-01 . . . . 6-port, multimode ST Plug and Play module, black
PP6-SC(X)MM-01 . . . . 6-port, multimode SC Plug and Play module, black
PP12-SC(X)MM-01 . . . . . . 12-port, multimode SC Plug and Play module, black
PP12-LC(X)MM-01 . . . . . . 12-port, multimode LC Plug and Play module, black
PP24-LC(X)MM-01 . . . . . . 24-port, multimode LC Plug and Play module, black

Use (X) to specify fiber type: 5 = 50/125µm multimode,
6 = 62.5/125µm multimode, 5L = Laser Optimized, 50/125 (300 meters)

Note: Laser optimized fiber is only available in LC versions.

RELATED PRODUCTS RIC3 Enclosures pages 4.2 – 4.3, SWIC3 Enclosures pages 4.4 – 4.5, FCP3 Enclosures pages 4.8 – 4.9, Fiber Jumpers pages 5.2 – 5.5

6-Port
SC Module

PLUG AND PLAY REEL AND EXTENDER SYSTEM

The cable for the Plug and Play system is provided on cable reels with 6- or 12-fiber MPO connectors on each end. The cable is available in 50/125µm or 62.5/125µm riser and plenum grade fiber cable and can be ordered in any length. A cable pulling eye on one end protects the fiber during installation and facilitates fast installation. Cable extenders are also available to add onto existing Plug and Play reels and include an adapter to join the extender to the cable reel.

Part #   **Description**

FR6-(X)MM(X)-(XXX) . . . . MPO-to-MPO Plug and Play reel, 6-fiber, with pulling eye
FR12-(X)MM(X)-(XXX) . . . . . . MPO-to-MPO Plug and Play reel, 12-fiber, with pulling eye
FE6-(X)MM(X)-(XXX) . . . . MPO-to-MPO Plug and Play fiber extender, 6-fiber, with adapter and pulling eye
FE12-(X)MM(X)-(XXX) . . . . . . MPO-to-MPO Plug and Play fiber extender, 12-fiber, with adapter and pulling eye

Use (X) to specify fiber jacket type: 5 = 50/125µm multimode, 6 = 62.5/125µm multimode,
5L = Laser Optimized, 50/125 (300 meters)
Use (XX) to specify fiber material: R = riser, P = plenum
Use (XXX) to specify length in meters (last X to be "0" or "5" only)

PARAMETER	62.5/125µm (850nm/1300nm)	50/125µm (850nm/1300nm)
Max. Attenuation (dB/Km)	3.5/1.0	3.5/1.0
Min. Bandwidth (MHz-Km)	200/500	500/500
Min. Gigabit Transmission Distance (m)	275/550	550/550