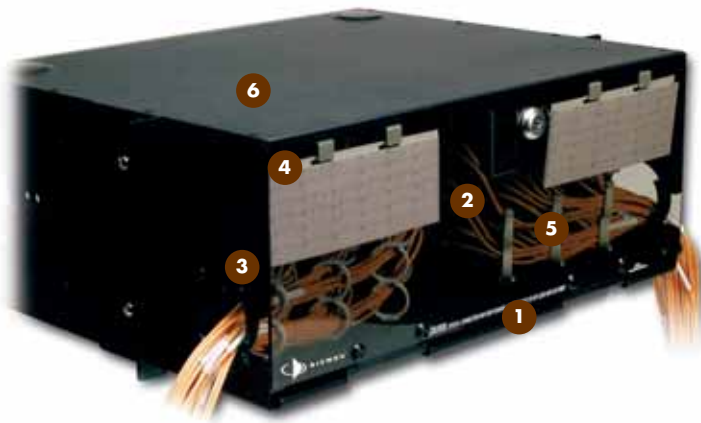


# Rack Mount Interconnect Center (RIC3)

The RIC3 provides the best overall value for exceptional fiber management. The RIC3 enclosure offers superior fiber density (up to 288 fibers in just 4U) 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.



### Removable Tray

The RIC3 cable management tray is fixed in place, but can be removed from the front or rear of the enclosure and moved to a work table for more convenient loading.



### Latching and Locking

The RIC3 features a single-finger latch on both front and rear doors. Front and rear doors include a lock for added security.



### Quick-Pack™ Adapter Plates

Siemon Quick-Pack adapter plates can be inserted or removed with a single-finger latch for quick and easy access to 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 4U enclosure without compromising 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

## RACK MOUNT INTERCONNECT CENTER (RIC3)

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 7.7).



**Part #**                      **Description**  
 RIC3-24-01 ..... 24- to 96-port Rack Mount Interconnect Center, accepts (4) Quick-Pack adapter plates, 2U, 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, accepts (6) Quick-Pack adapter plates, 2U, black  
*height: 86.6mm (3.41 in.), width: 432mm (17.00 in.), depth: 380mm (14.95 in.)*



RIC3-48-01 ..... 48- to 192-port Rack Mount Interconnect Center, accepts (8) Quick-Pack adapter plates, 3U, black  
*height: 133mm (5.25 in.), width: 432mm (17.00 in.), depth: 380mm (14.95 in.)*



RIC3-72-01 ..... 72- to 288-port Rack Mount Interconnect Center, accepts (12) Quick-Pack adapter plates, 4U, black  
*height: 178mm (7.00 in.), width: 432mm (17.00 in.), depth: 380mm (14.95 in.)*

Note: 1U = 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 [www.siemon.com](http://www.siemon.com) for labeling software.

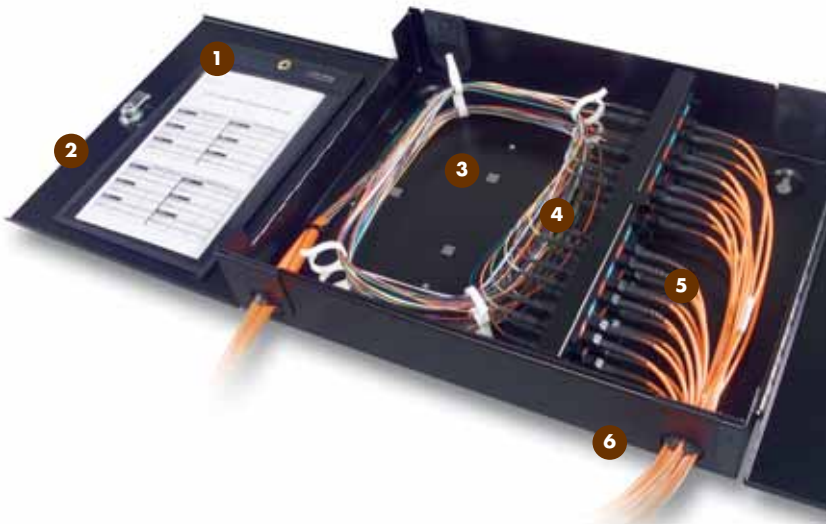
MAXIMUM RIC3 FIBER CAPACITY					
# FIBERS PER QUICK-PACK	ADAPTER OPTIONS	RIC24	RIC36	RIC48	RIC72
6	ST, SC	24	36	48	72
8	ST, SC	32	48	64	96
12	ST, SC	48	72	96	144
16	LC	64	96	128	192
24	LC	96	144	192	288

MAXIMUM SPLICING CAPACITY				
SPLICE TYPE	RIC24	RIC36	RIC48	RIC72
Fusion	96	96	96	144

# 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 rooms 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, or LC adapters
- 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.

MAXIMUM SWIC3 FIBER CAPACITY			
# FIBERS PER QUICK-PACK	ADAPTER OPTIONS	SWIC3-M	SWIC3
6	ST, SC	12	24
8	ST, SC	16	32
12	ST, SC	24	48
16	LC	32	64
24	LC	48	96

MAXIMUM SPLICING CAPACITY		
SPLICE TYPE	SWIC3-M	SWIC3
Fusion	N/A*	48

\*SWIC3-M does not accept splice trays

## WALL MOUNT INTERCONNECT CENTER (SWIC3)

Part #	Description
SWIC3-(X)-01	<p>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.</p> <p><i>height: 311mm (12.25 in.), width: 311mm (12.25 in.), depth: 82.6mm (3.25 in)</i></p>

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

Part #	Description
SWIC3G-(X)(X)-01	<p>24- to 96-port Wall Mount Interconnect Center with integrated jumper guard, accepts (4) Quick-Pack adapter plates, black. Includes dual-level fiber managers, port designation labels and removable pocket, dust-proofing grommets, strain relief hardware, cable ties, and mounting hardware.</p> <p><i>height: 311mm (12.25 in.), width: 406mm (16 in.), depth: 82.6mm (3.25 in)</i></p>

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

## MINI WALL MOUNT INTERCONNECT CENTER

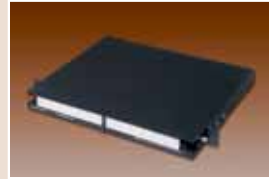
The SWIC3 enables the economical interconnection of fiber in locations where wall space is limited while still providing many of the popular, installer-friendly features of the SWIC3. By accepting two flat Quick-Pack adapter plates, the SWIC3 can accommodate from 12-48 fibers. Also included are dust-proofing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

Part #	Description
SWIC3-M-01	<p>12- to 48-port Mini Wall Mount Interconnect Center, accepts (2) Quick-Pack adapter plates, black</p> <p><i>height: 218.4mm (8.6 in.), width: 185.4mm (7.3 in.), depth: 82.6mm (3.25 in.)</i></p>



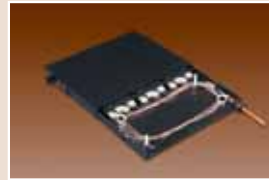
# Fiber Connect Panel (FCP3)

Siemon's popular Fiber Connect Panels (FCP3-DWR and FCP3-RACK) economically connect, protect, and manage up to 72 fibers/1U. It accepts Siemon's Quick-Pack™ adapter plates with patented single-finger access. The FCP3-DWR makes access to the connections easy via a fixed tray that can be released and slid out of the front or rear of the enclosure.



### High Density

FCP3 enclosures accommodate up to 72 fibers in only 1U 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. The entire tray can be removed and placed on a work table for more convenient termination.



- 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

MAXIMUM FCP3 FIBER CAPACITY		
# FIBERS PER QUICK-PACK	ADAPTER OPTIONS	FCP3
6	ST, SC	18
8	ST, SC	24
12	ST, SC, LC	36
16	LC	48
24	LC	72

MAXIMUM SPLICING CAPACITY	
SPLICE TYPE	FCP3
Fusion	72

## FIBER CONNECT PANEL (FCP3)

Part #	Description
FCP3-DWR .....	6- to 72-port Fiber Connect Panel with sliding tray, accepts (3) Quick-Pack™ adapter plates, 1U, black. Includes mounting brackets, housing/tray, fiber managers, grommets, label holders, and labels <i>height: 43.2mm (1.7 in.)</i> <i>width: 482.6mm (19.0 in.)</i> <i>depth: 355.6mm (14.0 in.)</i>



FCP3-DWR

FCP3-RACK .....	6- to 72-port Fiber Connect Panel with fixed tray, accepts (3) Quick-Pack adapter plates, 1U, black. Includes mounting brackets, housing/cover, fiber managers and grommet <i>height: 43.2mm (1.7 in.)</i> <i>width: 482.6mm (19.0 in.)</i> <i>depth: 241.3mm (9.5 in.)</i>
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FCP3-RACK

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

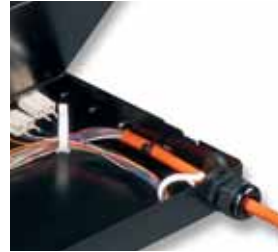
## COMPRESSION FITTINGS

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 – 13.9mm (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.)



## SPLICE TRAYS (XGLO® AND LIGHTSYSTEM®)

These aluminum trays come with a clear, snap-on polycarbonate cover and can be stacked for high-density applications. The standard tray holds up to 24 splices. The mini-tray for use with the SWIC3, accommodates up to 12 splices.

Part #	Description
TRAY-3 .....	Standard splice tray for up to 24 fusion splices with sleeve protection. For use with RIC3 and FCP3 fiber enclosures
TRAY-M-3 .....	Mini splice tray for up to 12 fusion splices with sleeve protection. For use with SWIC3 enclosures



TRAY-3



TRAY-M-3

### 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.)*



## 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

\*Heating times may vary depending on heat source.



## QUICK-PACK™ ADAPTER PLATES

Siemon's patented Quick-Pack adapter plates feature an integrated latch, which provides single-finger access to fiber even in fully populated enclosures.

### XGLO® & LIGHTSYSTEM®

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



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



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



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



RIC-F-LCU16-01 .....  
4 quad LC adapters  
(16 fibers), blue adapters  
*(not shown)*



RIC-F-LCU24-01 .....  
6 quad LC adapters  
(24 fibers), blue adapters  
*(not shown)*



### LIGHTSYSTEM

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 ST connectors due to access constraints*



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.