

# LC CONNECTOR PRODUCTS

Siemon LC products offer all the benefits of SC and ST connectors in a Small Form Factor (SFF), high-density design. LC adapter products are compatible with our popular MAX®, CT®, FOB and MX-SM® work area products and our telecommunications room products, providing a wide variety of installation options. All fibre adapters are "universal" and support either multimode or singlemode fibre connections. LC connectors take just 2 minutes to terminate, using the Siemon *LightSpeed*® Termination Kit with LC upgrade option. Both multimode solutions and singlemode products are available.

Simplex LC connectors terminate buffered fibre and help maintain proper bend radius requirements in tight spaces

LC multimode connectors terminate either 62.5/125µm or 50/125µm multimode fibre

LC connectors use the familiar "RJ" style latch found on copper modular plugs

Multimode LC connectors terminate in just 2 minutes using our *LightSpeed*® Termination Kit (with LC upgrade option) minimizing field installation labor

Jumper combinations available include LC to LC, LC to SC, and LC to ST

Factory terminated LC duplex jumpers comply with TIA/EIA 568-b.3 and ISO/IEC 11801Ed 2.0 fibre performance specifications

*LightSpeed Termination Kit*

*LC Upgrade Kit*

LC connectors are about half the size of SC duplex connectors, providing significantly greater density

LC CT couplers with LC jumper

Use Siemon *LightSpeed* Termination Kit with LC upgrade option to terminate LC connectors in the field

# SIEMON LC SYSTEM

FIBRE PRODUCTS

## WORK AREA SOLUTIONS



Flat MAX LC Module in  
MX-SM Box  
(MX-SM2-(XX) shown)



MAX® LC Modules in  
MAX Faceplate  
(MX-FP-S-04-(XX) shown)



CT® Flat & Angled  
LC Couplers in  
CT Faceplate  
(CT8-FP-(XX) shown)



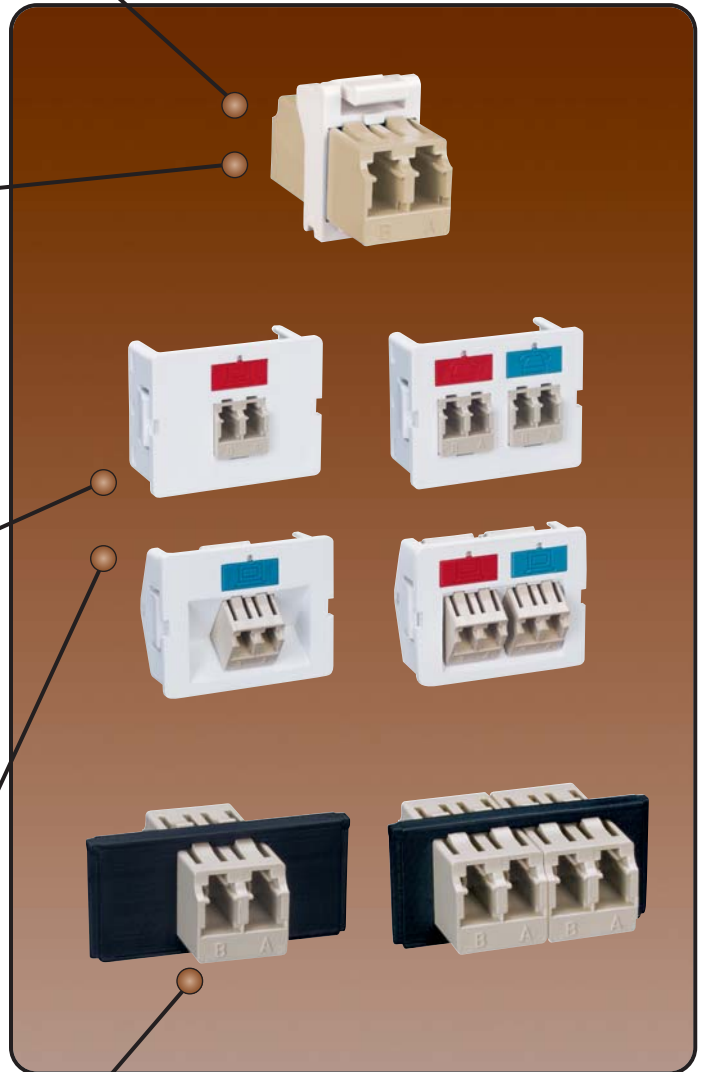
MAX & CT LC Modules in  
Multi-user  
Telecommunications  
Outlet (MuTOA)  
(CT-MMO-(XX) shown)



FOB LC Bezels in  
FIBRE Outlet Box  
(FOB2-(XX) shown)



Simplex & Duplex LC Fiber



LC - Simplex



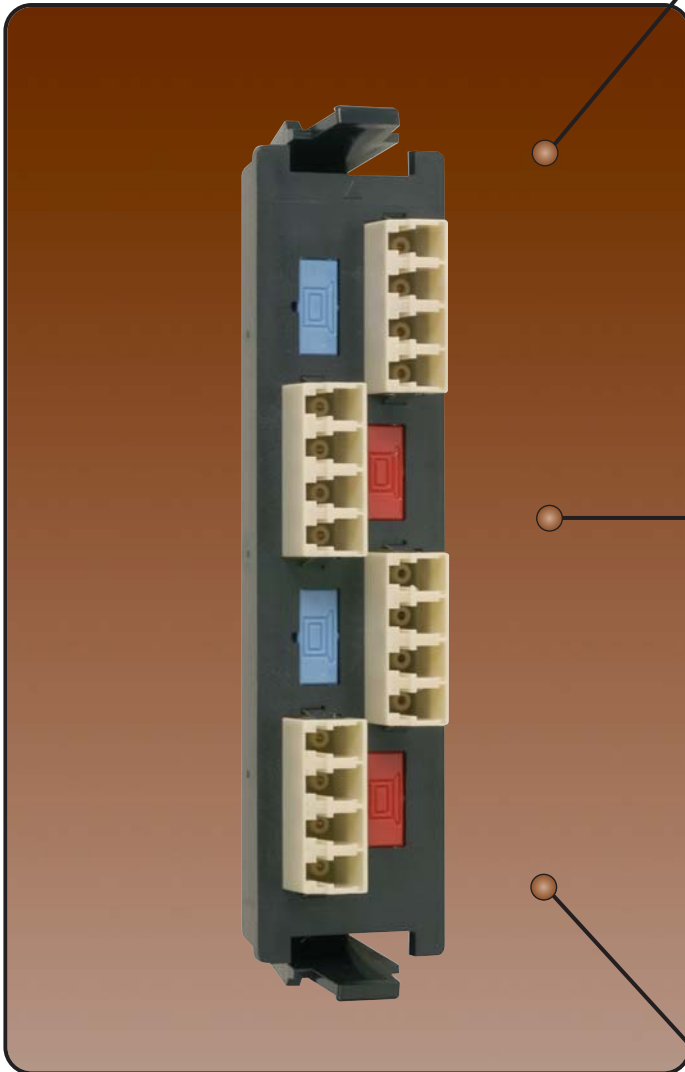
LC - LC Duplex

LightSystem®

## TELECOMMUNICATION ROOM SOLUTIONS

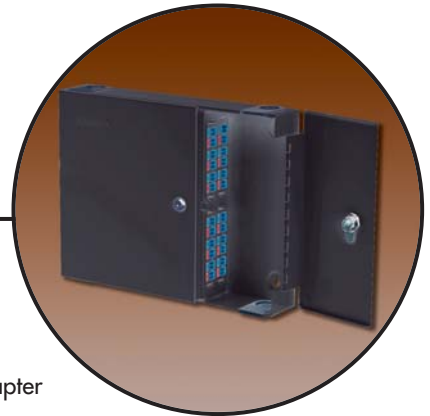


Pre-Installable Connectors



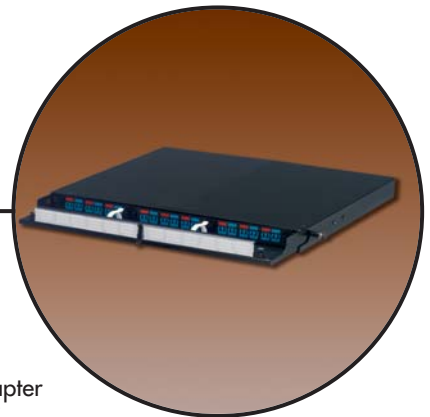
LC Quick-Pack™  
Adapter Plate in  
RIC3-48

The Rack Mount Interconnect Centre provides high-density fibre management and distribution for up to 288 fibres in just 4 RMS. Available in 24- to 96-port, 36- to 144-port, 48- to 192-port and 72- to 288-port.



LC Quick-Pack Adapter  
Plate in SWIC3

The Wall Mount Interconnect Centre is designed to manage and connect up to 48 fibres. Available with or without integrated jumper guard and with various lock or latch options. A Mini-SWIC3 (SWIC3-M) is also available.



LC Quick-Pack Adapter  
Plate in FCP3-DWR

The Fibre Connect Panel rack mount enclosures economically connect, protect and manage up to 36 fibres within one Rack Mount Space (RMS).

## LC Jumpers



LC — SC Duplex



LC — ST Duplex

# ORDERING INFORMATION

## LC Work Area Solutions:

### LC Field-Installable Connectors

#### Multimode

- FC1-LC-MM-B80 .....LC Simplex connector, multimode, buffered fibre, beige boot  
 FC2-LC-MM-J80 .....LC Duplex connector, multimode, jacketed fibre, beige boot

#### Singlemode

- FC1-LC-SM-B02 .....LC Simplex connector, singlemode, buffered fibre, white boot  
 FC1-LC-SM-J02 .....LC Simplex connector, singlemode, jacketed fibre, white boot

Note: Siemon LC jacketed fibre connectors require the use of 1.6mm jacketed fibre cables.

Ⓢ Add "-B" to the end of part number for bulk pack (simplex: 100/box; duplex: 50/box)

### LC MAX® Module

- MX-F1-LC(X)-(XX).....Flat module with 1 duplex LC adapter (2 fibres)

Use (X) to specify LC adapter colour: blank = beige, U = blue

Use (XX) to specify colour: 01 = black, 02 = white, 04 = grey, 20 = ivory, 25 = bright white, 80 = light ivory

Modules include dust caps, one colour-matching, one red, and one blue icon per port

### LC CT® Couplers

- CT-LC(X)-(XX).....Flat coupler with 1 duplex LC adapter (2 fibres)  
 CT-LC(X)-LC(X)-(XX) .....Flat coupler with 2 duplex LC adapters (4 fibres)  
 CT-A-LC(X)-(XX) .....Angled coupler with 1 duplex LC adapter (2 fibres)  
 CT-A-LC(X)-LC(X)-(XX) ...Angled coupler with 2 duplex LC adapters (4 fibres)

Use (X) to specify LC adapter colour: blank = beige, U = blue

Use (XX) to specify colour: 01 = black, 02 = white, 04 = grey, 20 = ivory, 80 = light ivory

Couplers include one colour-matching icon (clear for black), plus one red and one blue icon

### LC Fibre Outlet Box (FOB) Bezels

- FOB-BZL-LC(X)1-01 .....1 Duplex LC adapter (2 fibres)  
 FOB-BZL-LC(X)-01 .....2 Duplex LC adapters (4 fibres)  
 Use (X) to specify LC adapter colour: blank = beige, U = blue

Because we continuously improve our products, Siemon reserves the right to change specifications and availability without prior notice.

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## LC Modular Patching Solutions:

### LC Quick-Pack™ Adapter Plates

- RIC-F-LC(X)12-01 .....6 duplex LC adapters (12 fibres)  
 RIC-F-LC(X)16-01 .....4 quad LC adapters (16 fibres)  
 RIC-F-LC(X)24-01 .....6 quad LC adapters (24 fibres)  
 Use (X) to specify LC adapter colour: blank = beige, U = blue

### LightSystem® LC Jumpers

#### Duplex

- FJ2-LCLC(X)MM-(XX).....LC to LC multimode, orange jumper  
 FJ2-LCUCU-(XX) .....LC to LC singlemode, yellow jumper  
 FJ2-LCSA(X)MM-(XX) .....LC to ST multimode, orange jumper  
 FJ2-LCUSAU-(XX) .....LC to ST singlemode, yellow jumper  
 FJ2-LCSC(X)MM-(XX) .....LC to SC multimode, orange jumper  
 FJ2-LCUSCU-(XX).....LC to SC singlemode, yellow jumper

#### Simplex

- FP1B-LC-(X)MM-01 .....LC pigtail multimode, orange jacket, 900 micron, buffered, 1m  
 FP1B-LCU-01 .....LC pigtail singlemode pigtail, yellow jacket, 900 micron, buffered, 1m

Use (X) to specify multimode fibre type:

"-" = 62.5/125µm, orange jacket,

5 = 50/125µm (orange jacket)

Use (XX) to specify cable length:

01=1m, 02=2m, 03=3m, 05=5m

Notes: Multimode performance: 0.15 dB typical insertion loss; 30 dB typical return loss;

Singlemode performance: 0.25 dB typical insertion loss; 57 dB return loss

### Tools:

#### Siemon LightSpeed® Termination Kit

- FTERM-L2 .....LightSpeed Termination Kit\*  
 FT-CKIT-L2 .....Consumables Kit for FTERM-L2\*\*

\*All consumables including primer, adhesive, wipes, alcohol pads and polishing films are contained in the consumables kit and must be ordered separately. Contents of the FTERM Termination Kit are also available individually.

\*\*This product contains material with a time and temperature sensitive shelf life.

#### LC Fibre Termination Upgrade Kit

- FTERM-LC .....LC Fibre Termination Kit (used in conjunction with FTERM-L2)

Note: Contents of FTERM-LC are also available individually.

### For related product information request Spec Sheet(s):

- CT Faceplates (PROD-SS-CTF)  
 MAX Modular Faceplates (PROD-SS-MXF)  
 Fibre Outlet Box (PROD-SS-FOB)  
 Multi-user Telecommunications Outlet (MuTOA) (PROD-SS-MMO)  
 Wall Mount Interconnect Centre (SWIC2) (PROD-SS-WI2)  
 MX-SM Series Surface Mount Box (PROD-SS-MXSM)  
 Rack Mount Interconnect Centre (PROD-SS-RIC)  
 LightSystem Jumper & Pigtails (PROD-SS-FJI)  
 XGLO Jumpers and Pigtails (PROD-SS-LOF)  
 LightSpeed Fibre Termination Kit (PROD-SS-FTK)

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