

LC Optical Fiber Adapter Plates


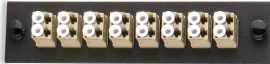


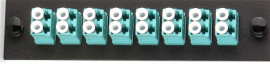
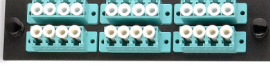
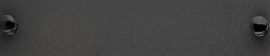

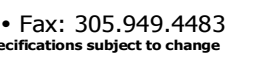
Signamax LC optical fiber adapter plates are compatible with all Signamax wall- and rack-mount optical fiber enclosures and available in 6-duplex, 8-duplex, and 6-quad configurations with fiber counts 12, 16, and 24 per adapter plate correspondingly. They mount easily by means of plunger locks ("pushpins"). SC adapter plates can be equipped with OM1 (62.5- μ m), OM2/OM3/OM4 (50- μ m) adapters suitable for multimode applications or a singlemode only version is available with adapters outfitted with zirconia ceramic sleeves. Our LC multimode laser-optimized-fiber (LOF) adapter uses zirconia ceramic sleeves.

KEY FEATURES

- Compatible with all Signamax wall and rack mount optical fiber enclosures
- Available in
 - 6 duplex (12 fibers)
 - 8 duplex (16 fibers)
 - 6 quad (24 fibers) configurations
- Multimode adapters are available in OM1, OM2, OM3/OM4 versions
- Singlemode adapters are available in flat and angled versions
- Fiber counts up to 24 per adapter plate
- Equipped with plunger locks ("pushpins")
- Phosphor bronze and zirconia ceramic sleeves
- Adapters are standard color-coded
- Unpopulated adapter plates are available for field assembling and building mixed configurations
- Blank adapter plates are available to cover unoccupied slots

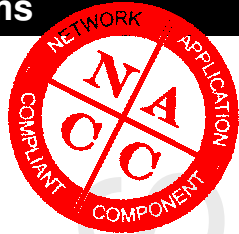
ORDERING INFORMATION

LC Adapter Plates

Part Number	Description	
UFE-B-06LC	12-Fiber (6-Duplex) LC OM1/OM2 MM Adapter Plate, Beige Adapters	
UFE-B-08LC	16-Fiber (8-Duplex) LC OM1/OM2 MM Adapter Plate, Beige Adapters	
UFE-B-12LC	24-Fiber (6-Quad) LC OM1/OM2 MM Adapter Plate, Beige Adapters	
UFE-B-06LC-G	12-Fiber (6-Duplex) LC OM3/OM4 MM LOF Adapter Plate, Aqua Adapters	
UFE-B-08LC-G	16-Fiber (8-Duplex) LC OM3/OM4 MM LOF Adapter Plate, Aqua Adapters	
UFE-B-12LC-G	24-Fiber (6-Quad) LC OM3/OM4 MM LOF Adapter Plate, Aqua Adapters	
UFE-B-06LC-C	12-Fiber (6-Duplex) LC SM Adapter Plate, Blue Adapters	
UFE-B-08LC-C	16-Fiber (8-Duplex) LC SM Adapter Plate, Blue Adapters	
UFE-B-12LC-C	24-Fiber (6-Quad) LC SM Adapter Plate, Blue Adapters	
UFE-B-06LCA-C	12-Fiber (6-Duplex) LC APC SM Adapter Plate, Green Adapters	
UFE-B-08LCA-C	16-Fiber (8-Duplex) LC APC SM Adapter Plate, Green Adapters	
UFE-B-12LCA-C	24-Fiber (6-Quad) LC APC SM Adapter Plate, Green Adapters	
UFE-B-06SC-B	6-Position Simplex-SC/Duplex-LC Adapter Plate, No Adapters	
UFE-B-08SC-B	8-Position Simplex-SC/Duplex-LC Adapter Plate, No Adapters	
UFE-B-12SC-B	6-Position Duplex-SC/Quad-LC Adapter Plate, No Adapters	
UFE-B-BL	Blank Filler Plate	

Multimode OM1 and OM2 adapters use phosphor bronze sleeve.
Multimode OM3, OM4, and singlemode adapters use zirconia ceramic sleeve.

SPECIFICATIONS



LC Optical Fiber Adapter Plates

SPECIFICATIONS

- TRANSMISSION PERFORMANCE**

ANSI/TIA-568-C.3: meets or exceeds component specifications

- TRANSMISSION MEDIA**

Multimode OM1, OM2, OM3, OM4
Singlemode OS1, OS2

- ADAPTER/CONNECTOR TYPE**

LC

- INSERTION LOSS**

Metal sleeve: 0.10 dB typical
0.30 dB maximum
Zirconia sleeve: 0.05 dB typical
0.20 dB maximum

- MECHANICAL**

Durability: < 0.1 dB typical change, 500 mating cycles
Sleeve/ferrule withdraw force: 1.96 N (200 gf) (0.44 lbf) – 5.88 N (600 gf) (1.32 lbf)
Mating cycle life: min 500 cycles

- CONSTRUCTION**

Adapter plate: body: steel, black epoxy-powder anticorrosive paint
plunger locks: high-impact thermoplastic, UL94V-0 fire-retardant
Adapter: housing: high-impact thermoplastic, UL94V-0 fire-retardant
sleeve: MM: phosphor bronze alloy
SM: zirconia ceramic

- ADAPTER FOOTPRINT**

Standard LC duplex and quad footprint

- ADAPTER PLATE MOUNTING DIMENSIONS**

H 31.0 mm W 131.0 mm
H 1.21 in W 5.14 in
Mounting holes/plunger lock spacing: 119.0 mm (4.69 in) center-to-center

- ENVIRONMENTAL CONDITIONS**

Operation: -40 °C – +75 °C (-40 °F – +167 °F)

- COMPLIANCE**

TIA FOCIS, ANSI/TIA-568-C.3, GR-326, UL 94V-0

- APPLICATIONS**

Ethernet 10, 100, 1000, 10G, 40G, 100GBASE, ANSI X3.166, ANSI X3.184, Fibre Channel, ITU-T G.984, ITU-T G.987, IEEE 802.3av, TR 4/16/100, 100VG-Any LAN, ATM, ISO/IEC 8802-3: FOIRL

- WARRANTY**

5-year limited component warranty
10-year Signamax Link/Channel Warranty
15-year Signamax Extended Component Warranty
25-year Signamax Cabling System Warranty



RELATED PRODUCTS

Product/Product Group	Spec Sheet #
High-Density Rack-Mount Optical Fiber Enclosures _____	PSS.RM-UFEHD (A-JAN-12)
Wall Mount Fiber Optic Enclosures _____	PSS.WM-FOE (A-AUG-07)
Multimode OM1 62.5-micron Optical Fiber Patch Cords _____	PSS.OM1-OFPC (A-SEP-09)
Multimode OM2 50-micron Optical Fiber Patch Cords _____	PSS.OM2-OFPC (A-SEP-09)
Multimode OM3 50-micron Optical Fiber Patch Cords _____	PSS.OM3-OFPC (A-SEP-09)
Singlemode 9-micron Optical Fiber Patch Cords _____	PSS.OS1-OFPC (A-SEP-09)
Optical Fiber Pigtails _____	PSS.OFPT (A-JUL-09)
ST optical fiber adapter plates _____	PSS.UFE-ST (A-JAN-12)
FC optical fiber adapter plates _____	PSS.UFE-FC (A-JAN-12)
SC optical fiber adapter plates _____	PSS.UFE-SC (A-JAN-12)
MT-RJ optical fiber adapter plates _____	PSS.UFE-MTRJ (A-JAN-12)

SPECIFICATIONS