

FC Optical Fiber Adapter Plates

Signamax FC optical fiber adapter plates are compatible with all Signamax wall- and rack-mount optical fiber enclosures and available in 6, 8, and 12 simplex configurations with corresponding fiber counts per adapter plate. They mount easily by means of plunger locks ("pushpins"). FC adapter plates can be equipped with OM1 (62.5-µm), OM2 (50-µm) adapters suitable for multimode applications or a singlemode only version is available with adapters outfitted with zirconia ceramic sleeves.

KEY FEATURES

- Compatible with all Signamax wall and rack mount optical fiber enclosures
- Phosphor bronze and zirconia ceramic sleeves
- Available in
 - 6 simplex (6 fibers)
 - 8 simplex (8 fibers)
 - 12 simplex (12 fibers) configurations
- Multimode adapters are available in OM1 and OM2 versions, singlemode – in flat-end-connector version
- Equipped with plunger locks ("pushpins")
- Blank adapter plates are available to cover unoccupied slots
- Unpopulated adapter plates are available for field assembling and building mixed configurations

ORDERING INFORMATION

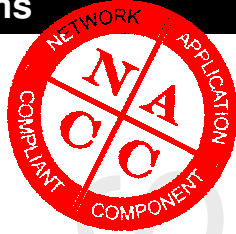
FC Adapter Plates

Part Number	Description	
UFE-B-06FC	6-Fiber (6-Simplex) FC OM1/OM2 MM Adapter Plate	
UFE-B-08FC	8-Fiber (8-Simplex) FC OM1/OM2 MM Adapter Plate	
UFE-B-12FC	12-Fiber (12-Simplex) FC OM1/OM2 MM Adapter Plate	
UFE-B-06FC-C	6-Fiber (6-Simplex) FC SM Adapter Plate	
UFE-B-08FC-C	8-Fiber (8-Simplex) FC SM Adapter Plate	
UFE-B-12FC-C	12-Fiber (12-Simplex) FC SM Adapter Plate	
UFE-B-06FC-B	6-Position Simplex-FC Adapter Plate, No Adapters	
UFE-B-08FC-B	8-Position Simplex-FC Adapter Plate, No Adapters	
UFE-B-12FC-B	12-Position Simplex-FC Adapter Plate, No Adapters	
UFE-B-BL	Blank Filler Plate	

Multimode OM1 and OM2 adapters use phosphor bronze sleeve.
Singlemode adapters use zirconia ceramic sleeve.

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)
SC optical fiber adapter plates _____	PSS.UFE-SC (A-JAN-12)
LC optical fiber adapter plates _____	PSS.UFE-LC (A-JAN-12)
MT-RJ optical fiber adapter plates _____	PSS.UFE-MTRJ (A-JAN-12)



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SPECIFICATIONS

- **TRANSMISSION PERFORMANCE**

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

- **TRANSMISSION MEDIA**

Multimode OM1, OM2
Singlemode OS1, OS2

- **ADAPTER/CONNECTOR TYPE**

FC (BFOC/2.5)

- **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: stainless steel
sleeve: MM: phosphor bronze alloy
SM: zirconia ceramic

- **ADAPTER FOOTPRINT**

Standard FC simplex 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

- **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



SPECIFICATIONS