

## ST Optical Fiber Adapter Plates




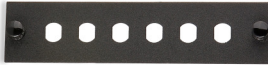
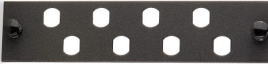


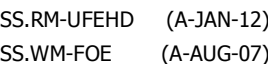
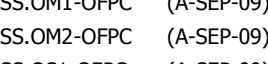

Signamax ST optical fiber adapter plates are compatible with all Signamax wall- and rack-mount optical fiber enclosures and available in 6, 8, and 12 simplex configurations with corresponding fiber counts per adapter plate. They mount easily by means of plunger locks ("pushpins"). ST adapter plates can 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

#### ST Adapter Plates

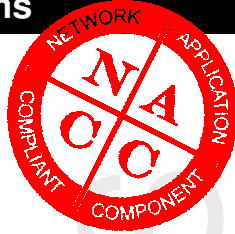
Part Number	Description	
UFE-B-06ST	6-Fiber (6-Simplex) ST OM1/OM2 MM Adapter Plate	
UFE-B-08ST	8-Fiber (8-Simplex) ST OM1/OM2 MM Adapter Plate	
UFE-B-12ST	12-Fiber (12-Simplex) ST OM1/OM2 MM Adapter Plate	
UFE-B-06ST-C	6-Fiber (6-Simplex) ST SM Adapter Plate	
UFE-B-08ST-C	8-Fiber (8-Simplex) ST SM Adapter Plate	
UFE-B-12ST-C	12-Fiber (12-Simplex) ST SM Adapter Plate	
UFE-B-06ST-B	6-Position Simplex-ST Adapter Plate, No Adapters	
UFE-B-08ST-B	8-Position Simplex-ST Adapter Plate, No Adapters	
UFE-B-12ST-B	12-Position Simplex-ST 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)
Singlemode 9-micron Optical Fiber Patch Cords _____	PSS.OS1-OFPC (A-SEP-09)
Optical Fiber Pigtails _____	PSS.OFPT (A-JUL-09)
FC optical fiber adapter plates _____	PSS.UFE-FC (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)

SPECIFICATIONS



## ST Optical Fiber Adapter Plates

### SPECIFICATIONS

- **TRANSMISSION PERFORMANCE**

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

- **TRANSMISSION MEDIA**

Multimode OM1, OM2  
Singlemode OS1, OS2

- **ADAPTER/CONNECTOR TYPE**

ST (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 ST 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, 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