

ST Optical Fiber Adapter Plates

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
- Equipped with plunger locks ("pushpins")
- Blank adapter plates are available to cover unoccupied slots
- Unpopulated adapter plates are available for field assembly and building mixed configurations
- Multimode adapters are available in OM1, OM2, OM3, and OM4 versions, singlemode – in flat-end-connector version

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.

Product Title	
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-12ST-G	12-Fiber (12-Simplex) ST MM OM3/OM4 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 #
Rack-Mount Optical Fiber Enclosures	PSS.RM-FER1 (A-JAN-12)
Wall Mount Fiber Optic Enclosures	PSS.WM-FEW1 (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 Pigtaills	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

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