

stand-alone media converter

# SSETF101x-205

## 10/100BASE-SX Media Converter

## 10/100 Bridging



- ▶ Low cost solution for fiber installation up to 300 m (100BASE-SX)
- ▶ Ideal for building backbone and horizontal cabling applications where cost and 10/100 auto-negotiation are critical.

### Features

- ▶ Auto-Negotiation
- ▶ AutoCross™ [
- ▶ Link Pass Through
- ▶ Efficient and Reliable  
The 10/100 SX Media Converter operates easily under heavy traffic loads without generating excess heat; meaning a failure-prone internal fan is unnecessary
- ▶ Automatic Link Restoration

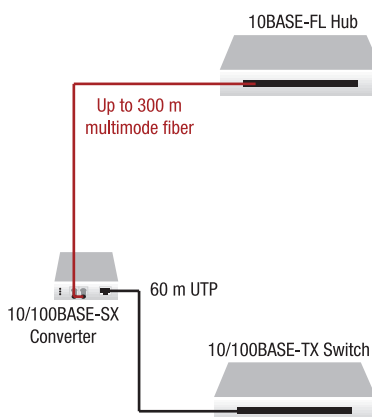
### Extend Network Distance

Used in pairs, this media converter can extend distances between two twisted pair switches or a switch and a server up to 300 m over multimode fiber (100BASE-SX).

### Connect Remote Devices

Using a single 10/100BASE-SX media converter, a switch with a copper port can be connected to a switch or any other 10/100BASE-SX compliant device with an existing fiber interface.

### Extend Network Distance



### Specifications

Operation	Operates as TIA SP4360A Type I, II device
Standards	IEEE Std. 802.3, 100BASE-TX, 10BASE-FL, Draft TIA 100BASE-SX-SP-4360A
Recommended Optic Cable	62.5/125 $\mu$ m multimode fiber; 50/125 $\mu$ m multimode fiber
Optional Optic Cable	100/140 $\mu$ m multimode fiber; 85/125 $\mu$ m multimode fiber
Status LEDs	<b>PWR (Power):</b> ON = Connection to the external AC or DC power <b>SX-ACT (Fiber Activity):</b> Flashing = Data reception on the fiber link <b>SX-100 (Fiber Speed):</b> ON = Fiber link at 100 Mbps <b>SX-10 (Fiber Speed):</b> ON = Fiber link at 10 Mbps <b>TX-ACT (Copper Activity):</b> Flashing = Data reception on the copper link <b>TX-100 (Copper Speed):</b> ON = Copper link at 100 Mbps <b>TX-10 (Copper Speed):</b> ON = Copper link at 10 Mbps
Dimensions	<b>Width:</b> 3.25" [82 mm] <b>Depth:</b> 4.8" [122 mm] <b>Height:</b> 1.0" [25 mm]
Power	External AC/DC required; 12V DC. 0.5A; unregulated; standard
Environment	0 – 50°C; 5% – 90% humidity non-condensing; 0 – 10,000 ft. altitude
Shipping Weight	2 lbs. [0.90 kg]
Safety Compliance	<b>Wall Mount Power Supply:</b> UL listed and CSA certified
Regulatory Compliance	FCC Class A, CISPR/EN55022 Class A, CE Mark
Warranty	Lifetime

### Ordering Information

#### SSETF1011-205

10/100BASE-TX (RJ-45) [60 m/197 ft.] to 10/100BASE-SX 850nm multimode (ST) [300 m/984 ft.]

#### SSETF1013-205

10/100BASE-TX (RJ-45) [60 m/197 ft.] to 10/100BASE-SX 850nm multimode (SC) [300 m/984 ft.]

Optional Accessories (sold separately)

Wide Input (18 – 72VDC) Power Supplies

#### SPS-2460-PS

Piggy Back Power Supply

#### SPS-2460-SA

Stand-Alone Power Supply

Mounting Options

#### E-MCR-05

12-Slot Media Converter Rack

#### RMS19-SA4-01

4-Slot Media Converter Shelf

#### WMBD

DIN Rail Bracket 5.0" [127 mm]

#### WMBD-E

DIN Rail Bracket (extended) 4.3" [109 mm]

#### WMBD-F

DIN Rail Bracket (flat) 3.3" [84 mm]

#### WMBL

Wall Mount Bracket 4.0" [102 mm]

#### WMBV

Vertical Wall Mount Bracket 5.0" [127 mm]

#### WMBV-E

Vertical Wall Mount Bracket (extended) 4.7" [119 mm]