



J/E-PSW-FX-03(xx)

10/100 Bridging Media Converter

10/100 Bridging

Ordering Info

J/E-PSW-FX-03

10/100BASE-TX (RJ-45) [100 m/328 ft.]
to 100BASE-FX 1300 nm multimode (ST)
[2 km/1.2 mi.] Link Budget: 11.0 dB

J/E-PSW-FX-03(SC)

10/100BASE-TX (RJ-45) [100 m/328 ft.]
to 100BASE-FX 1300 nm multimode (SC)
[2 km/1.2 mi.] Link Budget: 11.0 dB

J/E-PSW-FX-03(SM)

10/100BASE-TX (RJ-45) [100 m/328 ft.]
to 100BASE-FX 1310 nm SM (SC)
[20 km/12.4 mi.] Link Budget: 16.0 dB

Single Fiber Products

Recommended use in pairs

J/E-PSW-FX-03(100)

10/100BASE-TX (RJ-45) [100 m/328 ft.]
to 100BASE-FX 1310 nm TX / 1550 nm RX
single fiber single mode (SC)
[20 km/12.4 mi.] LB: 19.0 dB

J/E-PSW-FX-03(101)

10/100BASE-TX (RJ-45) [100 m/328 ft.]
to 100BASE-FX 1550 nm TX / 1310 nm RX
single fiber single mode (SC)
[20 km/12.4 mi.] LB: 19.0 dB

Optional Accessories

(sold separately)

Wide Input (18 – 72VDC) Power Supplies:

SPS-1872-CC

Piggy Back Power Supply

SPS-1872-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-FS

DIN Rail Bracket (flat, small) 3.1" [79 mm]

WMBS

Wall Mount Bracket 3.2" [81 mm]

10/100 Bridging

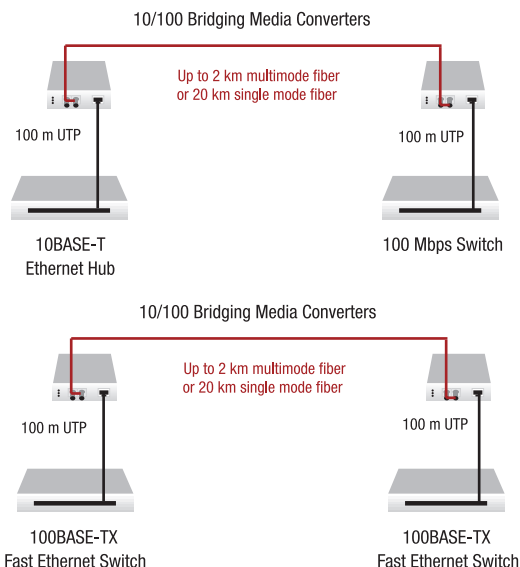


- ▶ Connect Legacy Networking Equipment:
Connect an existing 10Mbps device to 100Mbps devices.
- ▶ Eliminate Collision Domains:
Connect two half-duplex hubs with a full-duplex connection over fiber containing no collisions

Features

- ▶ Unit & Port LEDs allow for quick status information
- ▶ Auto-Negotiation
- ▶ AutoCross™
- ▶ Far-End-Fault (FEF) Detection
- ▶ Ability to force 10Mbps or 100Mbps (TP port) and full or half-duplex on both copper and fiber
- ▶ Automatic Link Restoration

The "Just Convert-It™" Bridging Media Converter is an inexpensive, no frills way to extend the distance between connections with different speeds or duplex using fiber optic cable, while maintaining the same quality and reliability found on Transition's full-featured line of products.



Specifications

Standards	IEEE Std. 802.3, IEEE Std. 802.3ab
Max. Packet Size	1522 bytes untagged 1518 bytes tagged (802.3ac)
Switches	SW1: Auto-Negotiation (UP = enable) SW2: Full/Half Duplex (Copper) (UP = full-duplex) SW3: Force Speed (Copper) (UP = 100 Mbps) SW4: Full/Half Duplex (Fiber) (UP = full-duplex)
Dimensions	Width: 3.0" [76 mm] Depth: 3.9" [100 mm] Height: 1.0" [25 mm]
Status LEDs	PWR (Power): Lit for normal operation LNK Act (fiber): Steady = Link; Flashing = RX Data FD (fiber duplex): ON = Full duplex LNK Act (copper): Steady = Link; Flashing = RX Data FD (copper duplex): ON = Full duplex 100 (copper speed): ON = 100Mbps
Power	External AC/DC required; +12VDC, 0.5 A min
Power Consumption	2.5 Watts
Environment	0 – 50° C operating; 5% – 95% humidity non-condensing; 0 – 10,000 ft. altitude
Shipping Weight	2 lbs. [0.90 kg]
Safety Compliance	Wall Mount Power Supply: UL Listed, C-UL Listed (Canada)
Regulatory Compliance	FCC Class A, CISPR22/EN55022 Class A, EN55024, CE Mark
Warranty	Lifetime