



J/GE-CF-01(XXX)

Gigabit Ethernet Media Converter



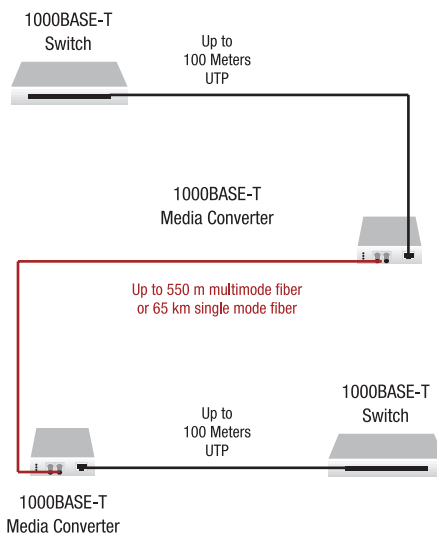
Convert 1000BASE-T ports over to 1000BASE-SX/LX on a port-by-port basis. Used individually or in pairs, this media converter can extend Gigabit Ethernet up to 2 km over multimode fiber or up to 65 km over single mode fiber.

The Just Convert-It™ 1000BASE-T to 1000BASE-SX/LX Media converter is an inexpensive, no frills way to extend the distance between Gigabit Ethernet connections with the use of fiber optic cable, while maintaining the same quality and reliability found on Transition's full-featured line of products.

Features

- ▶ Auto-Negotiation
- ▶ AutoCross™
- ▶ Automatic Link Restoration

Extend Network Distance



Specifications

Standards	IEEE Std. 802.3™ 2000
Status LEDs	PWR (Power): Lit for normal operation FLNK (Fiber Link): ON = fiber link LACT (Link/Activity): ON = Copper link Flashing = Activity on copper link DPX/COLL (Duplex/Collision): ON = Copper link Full-duplex OFF = Copper link Half-duplex; Flashing = Collisions on Half-duplex copper link
Dimensions	Width: 3.0" [76 mm] Depth: 4.0" [102 mm] Height: 1.0" [25 mm]
Power	External AC/DC included: 12 VDC, 0.4 A, unregulated
Power Consumption	3.2 watts
Environment	0 – 50°C operating, 5% – 95% humidity non-condensing, 0 – 10,000 feet altitude
Shipping Weight	2 lbs. [0.90 kg]
Safety Compliance	Wall Mount Power Supply: UL Listed and CSA certified
Regulatory Compliance	EN55024, CISPR22/EN55022 Class A, FCC Class A, CE Mark
Warranty	Lifetime

Ordering Info

J/GE-CF-01(SX)	1000BASE-T (RJ-45) [100 m/328 ft.] to 1000BASE-SX 850nm MM (SC) [62.5/125um fiber: 220m/722ft] Link Budget: 7.0 dB [50/125um fiber: 550m/1804ft] Link Budget: 7.0 dB
J/GE-CF-01(LX1)	1000BASE-T (RJ-45) [100 m/328 ft.] to 1000BASE-LX 1310nm SM (SC) [10 km/6.2 mi.] Link Budget: 10.5 dB
J/GE-CF-01(LX2)	1000BASE-T (RJ-45) [100 m/328 ft.] to 1000BASE-LX 1310nm SM (SC) [25 km/15.5 mi.] Link Budget: 15.0 dB
J/GE-CF-01(LX6)	1000BASE-T (RJ-45) [100 m/328 ft.] to 1000BASE-LX 1550nm SM (SC) [65 km/40.4 mi.] Link Budget: 21.0 dB
J/GE-CF-01(LX100)	1000BASE-T (RJ-45) [100 m/328 ft.] to 1000BASE-LX 1310nm TX / 1550nm RX single fiber single mode (SC) [20 km/12.4 mi.] Link Budget: 13.0 dB
J/GE-CF-01(LX101)	1000BASE-T (RJ-45) [100 m/328 ft.] to 1000BASE-LX 1550nm TX / 1310nm RX single fiber single mode (SC) [20 km/12.4 mi.] Link Budget: 13.0 dB

*62.5/125µm fiber: 220 m / 722 ft.
50/125µm fiber: 550 m / 1804 ft.

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]