

# Pure Gigabit Converters

## 1000Base-T to 1000Base-SX/LX

PART NUMBER	DESCRIPTION
GEP-5001TF-C	(1) RJ-45, 1000Base-T (1) Dual SC, 1000Base-SX (MM/220/500m)
GEP-5101TF-C	(1) RJ-45, 1000Base-T (1) Dual SC, 1000Base-LX (SM/10km)

## Specifications

### Standards:

IEEE 802.3 1000Base-T Gigabit Ethernet  
IEEE 802.3 1000Base-SX/LX Gigabit Ethernet

### Interface:

(1) 1000Base-T, Shielded RJ-45 Jack  
(1) 1000Base-SX/LX, Dual SC connector

### Fiber Wavelength:

850nm (MM), 1310nm (SM)

### Link Distance:

1000Base-T Cat. 5e or 6: up to 100m.  
1000Base-SX: Multi-mode fiber 50/125 $\mu$ m (500m)  
62.5/125 $\mu$ m (220m)  
1000Base-LX: Single Mode fiber 9/125 $\mu$ m (10km)

### LED Indicators:

Device: Power  
UTP: 1000Mbps, Full-Duplex/collision, Link/Activity  
Fiber: Link

### DIP Switch:

ON/OFF for UTP Auto Negotiation, Fiber Duplexing,

### Power Supply:

External power adapter 9V DC/700mA (min.)

### Operating Temperature:

0°C to 45°C (32°-113°F)

### Operating Humidity:

10% - 90% RH

### EMI:

FCC Class A, CE Mark

### Enclosure:

Metal

### Dimensions:

4.72"(L) x 3.36"(W) x .96"(H)  
118mm x 84mm x 24mm

### Warranty:

Limited Lifetime



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