

small form factor pluggables

TN-J48xxx**SFP Modules: Small Form Factor Pluggables HP Compatible****Features**

- ▶ Hot-Pluggable SFP Optical Transceiver with Duplex LC Connector
- ▶ Class 1 Laser International Safety Standard IEC-60825 Compliant
- ▶ Compatible with SFP Multi-Sourcing Agreement (MSA)

Additional Features**TN-J4858C module**

- ▶ Compliant with IEEE802.3z 1000BASE-SX

TN-J4859C module

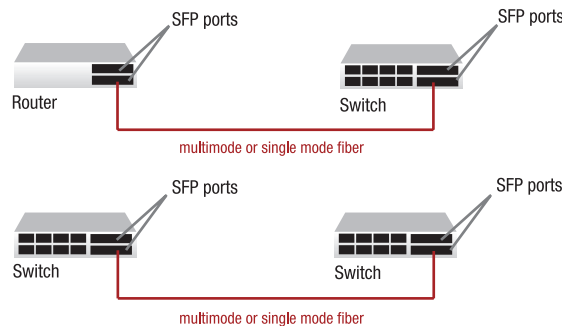
- ▶ Compliant with IEEE802.3z 1000BASE-LX

TN-J4860C module

- ▶ Compliant with IEEE802.3z 1000BASE-ZX

*Note: Per HP literature, the HP switches with SFP slots do not accept modules other than HP's own SFPs. The HP switch identifies the manufacturer ID along with the part number and blocks operations to this port for non-HP interfaces.

*Transition Networks' SFP units fully comply with Multi-Sourcing Agreement (MSA). This compliance allows Transition Networks' SFP modules to be used on other MSA-compliant SFP platforms without any problems.

Fiber Connections with SFPs**Applications**

- ▶ Gigabit Ethernet Switches and Routers
- ▶ Fibre Channel Switch Infrastructure
- ▶ xDSL Applications
- ▶ Metro Edge Switching

Specifications

Standards	IEEE802.3z
Dimensions	Width: 0.52" [13 mm] Depth: 2.2" [56 mm] Height: 0.33" [8 mm]
Power	3.3V
Environment	0°C to 70°C operating -40°C to 85°C storage
Compliance	IEC-60825; FDA 21; CFR 1040.10 and 1040.11
Warranty	Lifetime

Ordering Information**TN-J4858C**

1000Base-SX 850nm (LC) multimode
[62.5/125 μ m fiber: 220 m/722 ft.]
[50/125 μ m fiber: 550 m/1804 ft.]
Link Budget: 9.0 dB

TN-J4859C

1000Base-LX 1310nm (LC) single mode
[20 km/12.4 mi.] Link Budget: 16.0 dB

TN-J4860C

1000Base-LX/ZX 1550nm (LC) single mode
[80 km/49.7 mi.] Link Budget: 24.0 dB