

## HP Compatible 10GBase SFP+ Modules

10GBase-X, SFP+ With DMI (LC) for HP X130

Applications include: 10G Ethernet Switches and Routers and Metro Edge Switching.

### Features

- SFP+ Optical Transceiver with LC connector
- 10G Small Form-Factor Pluggable (SFP+) MSA Compliant
- Compliant with 10GBase-SR/LR/LRM
- SFF-8472 Digital Diagnostic Function (DMI)
- Single +3.3V Power Supply
- RoHS Compliant

### Specifications

Standards	IEEE 802.3z IEEE 802.3 IEEE 802.3ae
Output Wavelength	-5.5nm < $\lambda_c$ < +7.5nm
Dimensions	Width: 0.52" [13 mm] Depth: 2.18" [55 mm] Height: 0.33" [8 mm]
Power Input	3.3V
Environment	Operating: 0°C to 70°C Storage: -40°C to 85°C
Certifications	IEC-60825, FDA 21, CFR 1040.10 and 1040.11
Warranty	Lifetime

Transition Networks' SFP+ modules fully comply with the Multi-Sourcing Agreement (MSA). This compliance allows our SFP+ modules to be used in all other MSA compliant SFP+ platforms. In addition, Transition Networks SFP modules are also Compliant with all HP SFP+ based routers and switches, as well as HP's IOS software. Transition Networks SFP+ modules ARE NOT HP OEM brand module.

### Ordering Information

Duplex

#### \*TN-JD092B

10Gbase-SR, SFP+ with DMI multimode 850nm (LC) [300/82/33 m; 985/269/108 ft.] Link Budget: 4.0 dB

#### TN-JD093B

10Gbase-LRM, SFP+ with DMI multimode 1310nm (LC) [220m; 722 ft.] Link Budget: 1.5 dB

#### TN-JD094B

10Gbase-LR, SFP+ with DMI single mode 1310nm (LC) [10 km/6.2 mi.] Link Budget: 9.0 dB

\*Note: Distance up to 300m on 50/125 OM3 multimode fiber, up to 82m for 50/125 um multimode fiber with model.

Bandwidth 500 MHz-km at 850nm, and up to 33m for 62.5/125 um multimode fiber with model bandwidth 200 MHzkm at 850nm.