

Small Form Pluggable

Features



SFP

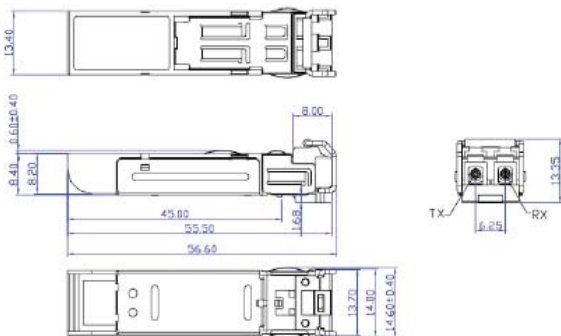
- ✓ Compliant with IEEE 802.3z Gigabit Ethernet Standard
- ✓ Single mode LX versions are compliant with Fiber Channel 100-SM-LC-L standard
- ✓ Multi-mode SX versions are compliant with Fiber Channel 100-M5-SN-I and 100-M6-SN-I
- ✓ Industry standard small form pluggable (SFP) package
- ✓ Duplex LC connector
- ✓ Differential LVPECL inputs and outputs
- ✓ Single power supply 3.3V
- ✓ TTL signal detect indicator
- ✓ Class 1 laser product complies with EN 60825-1
- ✓ Compliant with IEEE 802.3u 100Base-TX Fast Ethernet



Overview

Small form-factor pluggable (SFP) is a specification for a new generation of optical modular transceivers. The devices are designed for use with small form factor connectors and offer high speed and physical compactness. They are hot-swappable. SFP transceivers are expected to perform at data speeds of up to five gigabits per second and possibly higher. Because SFP modules can be easily interchanged, electro-optical or fiber optic networks can be upgraded and maintained more conveniently than has been the case with traditional soldered-in modules. Rather than replacing an entire circuit board containing several soldered-in modules, a single module can be removed and replaced for repair or upgrading. This can result in a substantial cost savings, both in maintenance and in upgrading efforts.

Mechanical Dimension



Ordering Information

SFP-SXLC: SFP 850nm, LC, Multimode, 0.55 km
SFP-LXLC-10: SFP, 1310nm, LC, Single mode, 10 km
SFP-LHXLC-30: SFP, 1310nm, LC, Single mode, 30 km
SFP-ZXLC-70: SFP, 1550nm, LC, Single mode, 70 km
SFP-ZXLC-90: SFP, 1550nm, LC, Single mode, 90 km
SFP-ZXLC-110: SFP, 1550nm, LC, Single mode, 110 km

SFP-WDM1310-20: SFP, 1310 nm, WDM, 20 km
SFP-WDM1550-20: SFP, 1550 nm, WDM, 20 km
SFP-FXMM: SFP-100FX, 1310 nm, Multi-Mode, 2 km
SFP-FXSM-30: SFP-100FX, 1310 nm, Single-Mode, 30 km
SFP-FXSM-60: SFP-100FX, 1310 nm, Single-Mode, 60 km