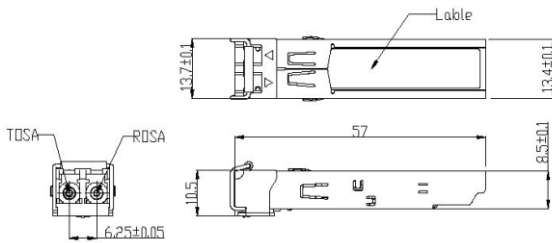




10Gbps SFP Single mode and Single fiber Optical Transceiver, 20km

- Dual data-rate of 10Gbps/10Gbps operation 1310nm
- SFP laser VCSEL and PIN photo detector for 20km transmission
- Compliant with SFP MSA and SFF-8472 with duplex LC receptacle
- Compatible with SONET OC-24-LR-1
- Compatible with RoHS+3.3V single power supply
- Compatible with SFP Multi-Source
- Agreement (MSA) and SFF-8472.



Technical Specifications

Operating Case Temperature	-40 to +85 °C
Power Supply Voltage	3.13 V min, 3.3 V typ, 3.47 V max
Power Supply Current	300 mA
Data Rate	10Gbps (Gigabit Ethernet); 10Gbps (Fiber Channel)
Centre Wavelength	1270 nm mix, 1330 nm typ, 1300 nm max
Spectral Width (RMS)	4 nm
Average Output Power	-9 dBm min, -3 dBm max
Extinction Ratio	9 dB min
Optical Rise/Fall Time (20%~80%)	0.26 ns
Data Input Swing Differential	400 mV min, 1800 mV max
Input Differential Impedance	90Ω min, 100Ω typ, 110Ω max
TX Disable	Disable: 2 V; Enable: 0.8V
TX Fault	Fault: 2.0V; Normal 0.8V
Centre Wavelength	1270 nm min, 1330 nm max
Receiver Sensitivity	-23 dBm max
Receiver Overload	-3 dBm min
LOS De-Assert	-24 dBm max
LOS Assert	-30 dBm min
LOS Hysteresis	1 dB min, 4 dB max
Data Output Swing Differential	400 mV min, 1800 mV max
LOS	2V high, 0.8V low