

SFP-10G-LR

Cisco

IntegraOptics' SFP+ transceivers are designed in accordance to industry standards and are available in a variety of power budgets and data rate options. Integra SFP+ transceivers are coded to be 100% OEM compatible and provide for reliable, versatile, cost effective 10G service deployments capable of meeting both current and future networking requirements.

Features

- Operating Data Rate up to 11.3Gbps
- 10km Reach
- SMF Duplex LC Connector Interface
- Commercial, Extended & Industrial Temperatures Available
- Digital Diagnostics Monitoring
- MSA SFF-8431 Compliant



Applications

- 10GBase-LR
- Enterprise & Data Center Networks

Product Specifications

Part Number	Wavelength (nm)	Distance (km)	Power Budget (dB)	Interface
SFP-10G-LR	1310nm	10km	6.2dB ¹	LC/SMF

1: Our SFP+ LR can reach at least 20km.

SFP-10G-LR

Detailed Specifications

Parameter	Minimum	Typical	Maximum	Unit
Storage Temperature (Ts)	-40	-	85	°C
Operating Case Temperature CTemp (Tc)	-5	-	70	°C
Operating Case Temperature ITemp (Tc)	-20	-	85	°C
Power Supply Voltage (Vcc)	-	3.3	-	V
Power Supply Current (Icc)	-	-	300	mA

Transmitter

Parameter	Minimum	Typical	Maximum	Unit
Center Wavelength (λ_C)	1270	1310	1355	nm
Data Rate	0.6	-	11.1	Gbps
Spectral Width (-20dB) ($\Delta\lambda$)	-	-	1	nm
Average Output Power (Pout, AVG)	-8.2	-1	0.5	dBm
Extinction Ratio (ER)	3.5	-	-	dB
Side Mode Suppression Ratio (SMSR)	30	-	-	dBm

Receiver

Parameter	Minimum	Typical	Maximum	Unit
Center Wavelength (λ_C)	1260	-	1565	nm
Receiver Sensitivity	-	-	-14.4	dBm
Receiver Overload (P _{MAX})	0.5	-	-	dBm

Warranty Information

The IntegraOptics' SFP+ 10G is covered by the standard IntegraOptics warranty. Please contact an IntegraOptics sales representative for additional details.