

10G-SFPP-ZR

Brocade

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
- Distance Range up to 80km
- SMF Duplex LC Connector Interface
- Commercial, Extended & Industrial Temperatures Available
- Digital Diagnostics Monitoring
- MSA SFF-8431 Compliant



Applications

- 10GBase-ZR
- Carrier & Metro Ethernet Networks

Product Specifications

Part Number	Wavelength (nm)	Distance (km)	Power Budget (dB)	Interface
10G-SFPP-ZR	1550nm	80km	23dB	LC/SMF

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Detailed Specifications

Parameter	Minimum	Typical	Maximum	Unit
Storage Temperature (Ts)	-40	-	85	°C
Operating Case Temperature CTemp (Tc)	0	-	70	°C
Operating Case Temperature ITemp (Tc)	-10	-	85	°C
Power Supply Voltage (Vcc)	-	3.3	-	V
Power Supply Current (Icc)	-	-	455	mA

Transmitter

Parameter	Minimum	Typical	Maximum	Unit
Center Wavelength (λ_c)	1528	1550	1565	nm
Data Rate	-	10.3125	-	Gbps
Spectral Width (-20dB) ($\Delta\lambda$)	-	-	1	nm
Average Output Power ¹ (Pout, AVG)	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	-	1600	nm
Receiver Sensitivity ² (PIN)	-	-	-23	dBm
Receiver Overload (PMAx)	-8	-	-	dBm

1: Output is coupled into a 9/125um SMF.

2: Minimum average optical power measured at the BER less than 1E-12, back to back. The measure pattern is PRBS 231-1.

Warranty Information

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