

E1MG-SX-OM

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 service deployments capable of meeting all low speed networking requirements.

Features

- Operating Data Rate up to 1.25Gbps
- Distance Ranging up to 300m
- MMF Duplex LC Connector Interface
- Commercial, Extended & Industrial Temperatures Available
- Digital Diagnostics Monitoring (SFF-8472)
- MSA INF-8074i Compliant



Applications

- 1000Base-SX
- Enterprise & Data Center Networks

Product Specifications

Part Number	Wavelength (nm)	Distance (km)	Power Budget (dB)	Interface
E1MG-SX-OM	850nm	300m	7.5dB	LC/MMF

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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)	-40	-	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)	830	850	860	Nm
Data Rate	-	1.25	-	Gbps
Spectral Width (-20dB) ($\Delta\lambda$)	-	-	0.85	nm
Average Output Power (Pout, AVG)	-9.5	-	-3	dBm
Extinction Ratio (ER)	9	-	-	dB

Receiver

Parameter	Minimum	Typical	Maximum	Unit
Center Wavelength (λ C)	760	850	860	nm
Receiver Sensitivity (PIN)	-	-	-17	dBm
Receiver Overload (PMAx)	-3	-	-	dBm

Warranty Information

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