PRE-SFP10G-SR(I)

SFP+, SR, 850nm, 10G, 300m/OM3, 400m/OM4, MMF/LC

PRECISION OPTICAL TECHNOLOGIES



Product Features:

- VCSEL Transmitter
- PIN Receiver
- MMF Transmission Medium
- LC-UPC Connector Type
- Digital Diagnostics Monitoring (DDM)
- C-Temp and I-Temp Available
- 11.1Gbps Maximum Data Rate
- <1W Power Consumption
- 300m (OM3), 400m (OM4) Transmission Distance

Product Applications:

- Enterprise Networks
- Data Center Networks
- 10GBASE-SR

Standards:

- SFF-8431
- 802.3ae
- RoHS

General Specifications

Parameter	Min	Typical	Max	Unit
Case Operating Temperature (C-Temp)	0	-	70	°C
Case Operating Temperature (I-Temp)	-40	-	85	°C
Power Consumption	-	-	1	W
Power Supply Voltage	3.14	3.3	3.46	V
Storage Humidity	5	-	95	%
Storage Temperature	-40	-	85	°C
Transmission Distance (OM3)	-	-	300	m
Transmission Distance (OM4)			400	m
Data Rate (Total)	-	10.3125	11.1	Gbps

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Optical Characteristics: Transmitter

Parameter	Min	Typical	Max	Unit
Center Wavelength	840	850	860	nm
Transmit Power	-6	-	-1	dBm
Extinction Ratio	3	-	-	dB
Relative Intensity Noise			-128	dB/Hz

Optical Characteristics: Receiver

Parameter	Min	Typical	Max	Unit
Receiver Wavelength	770	850	860	nm
Saturation Power (Overload)	0.5	-	-	dBm
Receiver Sensitivity	-	-	-10	dBm
LOS Assert	-30	-	-	dBm
LOS De-Assert	-	-	-14	dBm
LOS Hysteresis	0.5	-	-	dB

Product Ordering Information

Part Number	Description
PRE-SFP10G-SR	SFP+, SR, 850nm, 10G, 300m, MMF/LC, C-Temp
PRE-SFP10G-SRI	SFP+, SR, 850nm, 10G, 300m, MMF/LC, I-Temp