

# PRE-SFP4G-5(I)

SFP+, 1310nm, 4G, 5km, SMF/LC, DDM



## Product Features:

- Multi-Protocol Support
- SMF Transmission Medium
- LC/UPC Connector
- Digital Diagnostics Monitoring (DDM)
- C-Temp and I-Temp Available
- 4.25Gbps Maximum Data Rate
- <1.2W Power Consumption



## Product Applications:

- Fibre Channel
- 2500Base-X
- LAN/WAN

## Standards:

- SFF-8431/8472
- 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	-	-	1.2	W
Power Supply Voltage	3.14	3.3	3.46	V
Operating Humidity	5	-	95	%
Storage Temperature	-40	-	85	°C
Transmission Distance	-	-	5	km
Data Rate (Total)	-	-	4.25	Gbps

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## Optical Characteristics: Transmitter

Parameter	Min	Typical	Max	Unit
Center Wavelength	1260	1310	1360	nm
Transmit Power	-8	-	-3	dBm
Spectral Width (RMS)	-	-	4	nm
Extinction Ratio	4.5	-	-	dB

## Optical Characteristics: Receiver

Parameter	Min	Typical	Max	Unit
Receiver Wavelength	1270	-	1600	nm
Saturation Power (Overload)	-3	-	-	dBm
Receiver Sensitivity 1G	-	-	-22	dBm
Receiver Sensitivity 2G	-	-	-21	dBm
Receiver Sensitivity 4G	-	-	-18	dBm
LOS Assert	-35	-	-	dBm
LOS De-Assert	-	-	-19	dBm
LOS Hysteresis	0.5	1	-	dB

## Product Ordering Information

Part Number	Description
PRE-SFP4G-5	SFP+, 1310nm, 4G, 5km, SMF/LC, C-Temp, DDM
PRE-SFP4G-5I	SFP+, 1310nm, 4G, 5km, SMF/LC, I-Temp, DDM