

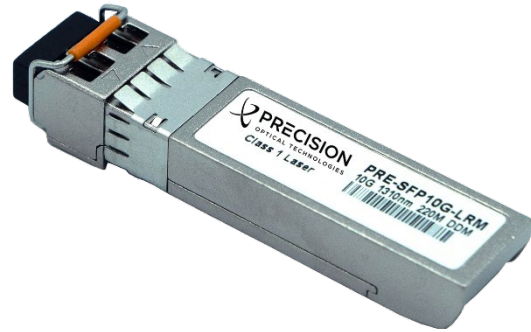
PRE-SFP10G-LRM

SFP+, LRM, 1310nm, 10G, 220m-MMF, 2km-SMF



Product Features:

- Long Range Multi-Mode
- 220m on OM3/OM4 MMF
- 2km on SMF
- LC-UPC Connector Type
- Digital Diagnostics Monitoring (DDM)
- C-Temp Rated
- 10.3Gbps Maximum Data Rate
- <1W Power Consumption



Product Applications:

- 10BASE-LRM
- 10G Fibre Channel
- CPRI

Standards:

- SFF-8431
- SFF-8472
- IEE 802.3ae
- RoHS

General Specifications

Parameter	Min	Typical	Max	Unit
Case Operating Temperature	0	-	70	°C
Power Consumption	-	-	1	W
Power Supply Voltage	3.15	3.3	3.45	V
Operating Humidity	0	-	85	%
Storage Temperature	-40	-	85	°C
Transmission Distance (OM3/OM4)	-	-	220	m
Transmission Distance (SMF)	-	-	2	km
Data Rate (Total)	-	10.3125	-	Gbps

Optical Characteristics: Transmitter

Parameter	Min	Typical	Max	Unit
Center Wavelength	1260	-	1360	nm
Transmit Power	-6.5	-	0.5	dBm
Spectral Width (-20dB)	-	-	1	nm
Extinction Ration	3.5	-	-	dB

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Optical Characteristics: Receiver

Parameter	Min	Typical	Max	Unit
Receiver Wavelength	1200	-	1600	nm
Receiver Sensitivity	-	-	-10	dBm
Stressed Sensitivity (OMA)	-	-	-6.5	dBm
Saturation Power (OMA)	1.5	-	-	dBm
LOS Assert	-30	-	-	dBm
LOS De-Assert	-	-	-15	dBm
LOS Hysteresis	0.5	-	4.5	dB

Product Ordering Information

Part Number	Description
PRE-SFP10G-LRM	SFP+, LRM, 1310nm, 10G, 220m-MMF, 2km-SMF, LC, DDM, C-Temp