

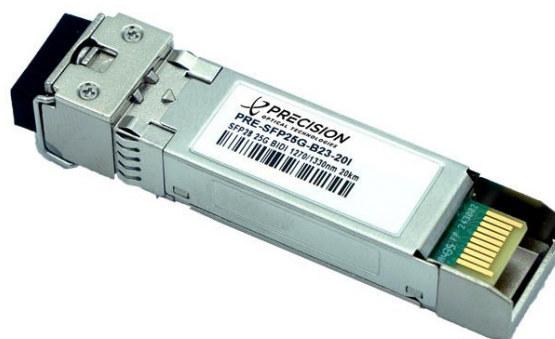
PRE-SFP25G-B23(32)-20(I)

SFP28, BIDI, 1270nm/1330nm, SMF, 20km, 25Gbps



Product Features:

- DFB Transmitter
- PIN Receiver
- SMF Transmission Medium
- LC-UPC Connector Type
- Digital Diagnostics Monitoring (DDM)
- C-Temp and I-Temp Available



Product Applications:

- 25G Ethernet
- CPRI 10

Standards:

- SFF-8431
- SFF-8472
- IEEE 802.3cc
- IEC/EN 61000-4-2
- EN 61000-3
- FCC Part 15 Class B/ EN55022 Class B
- FDA 21CFR 1040.10,11/ IEC/EN 60825-1,2
- RoHS

General Specifications:

Parameter	Min	Typical	Max	Unit
Case Operating Temperature (Commercial)	0	-	70	°C
Case Operating Temperature (Industrial)	-40	-	85	°C
Power Consumption	1.2	-	1.5	W
Power Supply Current	330	-	450	mA
Power Supply Voltage	3.135	3.300	3.470	V
Storage Humidity	5	-	95	%
Storage Temperature	5	-	95	°C
Transmission Distance	-	-	20	km
Data Rate (Total)	24.30	25.78	26.50	Gbps

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Optical Characteristics: Transmitter

Parameter	Min	Typical	Max	Unit
Center Wavelength (B23)	1260	1270	1280	nm
Center Wavelength (B32)	1320	1330	1340	nm
Transmit Power	0	-	5	dBm
Spectral Width	-	-	1	nm
Side Mode Suppression Ratio	30	-	-	dB
Extinction Ratio	3.5	-	-	dB

Optical Characteristics: Receiver

Parameter	Min	Typical	Max	Unit
Rx Wavelength (B23)	1320	1330	1340	nm
Rx Wavelength (B32)	1260	1270	1280	nm
Input Saturation Power	0.5	-	-	dBm
Receiver Sensitivity	-13.3	-	-12.0	dBm
LOS Assert	-35	-	-30	dBm
LOS De-Assert	-	-	-14	dBm
LOS Hysteresis	0.5	-	-	dB

Product Ordering Information

Part Number	Description
PRE-SFP25G-B23-20	SFP28, BIDI, 1270 Tx/1330 Rx, SMF, 20km, 25Gbps, C-Temp
PRE-SFP25G-B23-20I	SFP28, BIDI, 1270 Tx/1330 Rx, SMF, 20km, 25Gbps, I-Temp
PRE-SFP25G-B32-20	SFP28, BIDI, 1330 Tx/1270 Rx, SMF, 20km, 25Gbps, C-Temp
PRE-SFP25G-B32-20I	SFP28, BIDI, 1330 Tx/1270 Rx, SMF, 20km, 25Gbps, I-Temp

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