

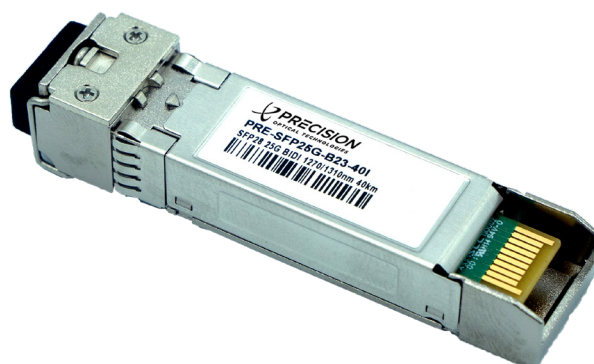
PRE-SFP25G-B23(32)-40(I)

SFP28, BIDI, 1270nm/1310nm, SMF, 40km, 25Gbps



Product Features:

- DFB or EML Transmitter
- APD 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
- RoHS

General Specifications:

Parameter	Min	Typical	Max	Unit
Case Operating Temperature (Commercial)	0	-	70	°C
Case Operating Temperature (Industrial)	-40	-	85	°C
Power Consumption	1.5	-	2.0	W
Power Supply Current	450	-	600	mA
Power Supply Voltage	3.135	3.300	3.470	V
Storage Humidity	5	-	95	%
Storage Temperature	-40	-	85	°C
Transmission Distance	-	-	40	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)	1300	1310	1320	nm
Transmit Power	5	-	6	dBm
Spectral Width	-	-	1	nm
Side Mode Suppression Ratio	30	-	-	dB
Extinction Ratio	3.5	-	4.0	dB

Optical Characteristics: Receiver

Parameter	Min	Typical	Max	Unit
Rx Wavelength (B23)	1300	1310	1320	nm
Rx Wavelength (B32)	1260	1270	1280	nm
Input Saturation Power	-5	-	-	dBm
Receiver Sensitivity	-19.0	-	-18.0	dBm
LOS Assert	-38	-	-35	dBm
LOS De-Assert	-21	-	-19	dBm
LOS Hysteresis	0.5	-	-	dB

Product Ordering Information

Part Number	Description
PRE-SFP25G-B23-40	SFP28, BIDI, 1270 Tx/1310 Rx, SMF, 40km, 25Gbps, C-Temp
PRE-SFP25G-B23-40I	SFP28, BIDI, 1270 Tx/1310 Rx, SMF, 40km, 25Gbps, I-Temp
PRE-SFP25G-B32-40	SFP28, BIDI, 1310 Tx/1270 Rx, SMF, 40km, 25Gbps, C-Temp
PRE-SFP25G-B32-40I	SFP28, BIDI, 1310 Tx/1270 Rx, SMF, 40km, 25Gbps, I-Temp

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