

SFP+ 10G CWDM 20km C-temp Transceiver

Features

- RoHS Compliant
- Support multi protocol from 8.5Gb/s to 11.3Gb/s
- Hot pluggable SFP+ footprint
- Compliant with SFF 8472 and IEE802.3ae
- Transmission distance of 20km over single mode fiber
- TOSA high-performance CWDM-DFB transmitter and high sensitivity PIN receiver
- Single Power 3.3V supply voltages
- Temperature range: 0°C to 70°C
- Class 1 Laser Safety Conformance



Applications

- 10G Ethernet 10GBASE-ZR/ZW
- 20km 10G CWDM Network

Compliances

- Compliant to SFF-8402, SFF-8432.
- Compliant to IEEE802.3ba
- DDM Compliant with SFF-8472 SFP+ MSA.
- RoHS Compliant6



Environmental Specifications

Parameter	Min.	Typ.	Max.	Unit
Operation Temperature	0		+70	°C
Storage Temperature	-40	-----	+85	°C
Operation Humidity*	5	-----	95	%
Storage Humidity	5	-----	95	%

(*) not condensing

Operating Specifications

Parameter	Min.	Typ.	Max.	Unit
Supply Voltage	3.1	+3.3	+3.45	V
Power Dissipation			1.8	W
Transmission Distance			20	Km

Optical Specifications

Transmitter:

Parameter	Min.	Typ.	Max.	Unit
Wavelength	1270	-	1610	nm
Average Optical Power	-1		4	dBm
Side Mode Suppression Ratio	30			dB
Extinction Ratio (ER)	4			dB

Receiver:

Parameter	Min.	Typ.	Max.	Unit
Input Wavelength	1270	-	1610	nm
Receiver Sensitivity			-15	dBm
Received Overload	0			dBm
LOSA	-30			dBm
Hysteresis	0.5			dB

Ordering information

Jabil Part Number	Package	Rate	Reach	Other info
JPSP10L2LCC000Cxx	SFP+	10G	20Km	DDM/RoHS

xx = channel number (CWDM grid)

Contact information

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