

XFP MSA 10Gbps Transceiver

Description

- XFP MSA compliant
- Multi-rate capability: SONET OC-192, SDH STM-64 and FEC 9.9Gbps/10.3Gbps/10.7Gbps/11.1Gbps
- LC-duplex receptacle
- Extended temperature type(-40 to 85°C) available
- 2-wire digital diagnostic monitoring function
- RoHS compliant
- Loop back function
- RefCLK-less operation



Specifications

Part Number	FIM31062Wxx	FIM31052	FIM31052/100	FIM31112	FIM31112/100	FIM31121
Application	DWDM OC-192 LR-2	OC-192/LR-2 10GBASE ZR	OC-192/LR-2 10GBASE ZR	OC-192/IR-2 10GBASE ER	OC-192/IR-2 10GBASE ER	OC-192/SR-1 10GBASE LR
Date Rate	9.95 to 11.1 Gbps	9.95 to 10.3 Gbps				
Wavelength	1529 to 1565 nm (100GHz spacing)	1530 to 1565 nm				1260 to 1355 nm
Distance	80 km			40 km		2 km / 10 km
Optical Output Power	-1 to 3 dBm	0 to 4 dBm		-1 to 2 dBm		-6 to -1 dBm
Extinction Ratio	9 dB	9 dB		8.2 dB		6 dB
Receiver Sensitivity *1	-24 to -7 dBm	-24 to -7 dBm		-14 to -1 dBm		-11 to 0.5 dBm
Stressed Receiver Sensitivity in OMA	-			-11.3 dBm		-10.3 dBm
Chromatic Dispersion	1600 ps/nm			800 ps/nm		6.6 ps/nm
Power Supply	+1.8 V, +3.3 V, +5.0 V					+1.8 V, +3.3 V
Power Consumption	3.5 W (Max)	3.5 W (Max)	4.0 W (Max)*2	3.1 W (Max)	3.5 W (Max)	2.5 W (Max)
Dimensions (LxWxH)	78 x 18.4 x 8.5 mm / 3.1 x 0.72 x 0.33 inches					
Operating Case Temperature	-5 to 70 °C		-40 to 85 °C	-5 to 75 °C	-40 to 85 °C	-5 to 75 °C

*1: FEC rate is to be discussed. *2: Target spec.

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