

# SFP MSA Transceiver

## Description

- SFP MSA compliant
- Compact package: 56.5 x 13.7 x 8.6mm
- SFF-8472 compliant diagnostic monitor integrated
- Optical interface for SDH STM-16/SONET OC-48, Gigabit Ethernet
- Applicable for DWDM systems (up to 2.7Gbps)
- RoHS compliant



## Specifications

Part Number	FIM32160Wxx	FIM32150Wxx	FIM32151	FIM32141	FIM32111
Application	DWDM	CWDM	LR-2 / ZX	LR-1 / LH	SR-1 / LX
Data Rate	0.622 to 2.7 Gbps	0.622 to 2.488 Gbps			
Wavelength	1528 to 1565 nm	1470 to 1610 nm	1500 to 1580 nm	1260 to 1360 nm	1260 to 1360 nm
Wavelength Accuracy (EOL)	± 100 pm	-7 to 8 nm	---		
Distance	120 km	80 km		40 km	2 to 5 km
Average Output Power	0 to 4 dBm	-1 to 4 dBm	-2 to 3 dBm		-10 to -3 dBm
Dynamic Extinction Ratio	> 8.2 dB				
Eye Mask for Optical Output	Compliant with Telcordia GR-253 CORE and ITU-T G.957				
Input Power Range	-9 to -28 dBm	-9 to -29 dBm	-9 to -28 dBm	-9 to -27 dBm	-3 to -18 dBm
Chromatic Dispersion	2400 ps/nm	1600 ps/nm		---	
Power Supply Voltage	Single 3.3 V ± 5 %				
Power Consumption	1.3 W (Max)	1.0 W (Max)			
Dimensions (L x W x H)	56.5 x 13.7 x 8.6 mm / 2.22 x 0.54 x 0.34 inches				
Operating Case Temperature	-5 to 70 °C		-20 to 85 °C	-40 to 85 °C	

## Fujitsu Limited

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