



Features

- UP to 1.25Gbps data rate
- Duplex LC receptacle optical interface compliant
- Receiver loss of signal output
- AC coupling of PECL signals
- International Class 1 laser safety
- Transmitter disable input
- Application: Gigabit ethernet, switch to switch interface, Gigabit fiber Channel, switched backplane applications
- Standards: Compliant with SFP MSA (INF-8074i), SFF-8472 v9.3, IEEE802.3z Gigabit Ethernet, ITU-T G.695

Specifications

Model		FTRM-SFP-550M	FTRM-SFP-20KM	FTRM-SFP-40KM	FTRM-SFP-80KM	FTRM-SFP-120KM
Technical	Supply Current					
	TX Section	300 mA	300 mA	300 mA	300 mA	300 mA
	RX Section	300 mA	300 mA	300 mA	300 mA	300 mA
	Receiver Sensitivity					
	550 m	- 18 dBm	---	---	---	---
	1310 nm 20 km	---	-20 dBm	---	---	---
	1550 nm 40 km	---	---	- 20 dBm	---	---
	1310 nm 40 km	---	---	- 23 dBm	---	---
	1550 nm 80 km	---	---	---	- 23 dBm	---
	CWDM 80 km	---	---	---	- 24 dBm	---
	1550 nm 120 km APD	---	---	---	---	- 31 dBm
	CWDM 120 km	---	---	---	---	- 32 dBm
General	Overload Input Power					
	550 m	0 dBm	---	---	---	---
	15 km ~ 80 km PIN	---	- 3 dBm	- 3 dBm	- 3 dBm	---
	120 km APD	---	---	---	---	- 9 dBm
	Center Wave Length	1210 nm	1210 nm	1210 nm	1210 nm	1210 nm
	Transmission Range (up to 20 Km)	9 / 125 um	9 / 125 um	9 / 125 um	9 / 125 um	9 / 125 um
	Connector	LC type	LC type	LC type	LC type	LC type
	Operating Temperature	- 10 °C ~ 70 °C	-10 °C ~ 70 °C	- 10 °C ~ 70 °C	- 10 °C ~ 70 °C	-10 °C ~ 70 °C
	Power Supply Voltage	3.135 V ~ 3.465 V	3.135 V ~ 3.465 V	3.135 V ~ 3.465 V	3.135 V ~ 3.465 V	3.135 V ~ 3.465 V
	Data Rate	1.25 / 1.0625 Gb/s	1.25 / 1.0625 Gb/s	1.25 / 1.0625 Gb/s	1.25 / 1.0625 Gb/s	1.25 / 1.0625 Gb/s
General	Storage Temperature Range	- 40 °C ~ + 85 °C	- 40 °C ~ + 85 °C	- 40 °C ~ + 85 °C	-40 °C ~ +85 °C	- 40 °C ~ + 85 °C
	Relative Humidity	5 % ~ 95 %	5 % ~ 95 %	5 % ~ 95 %	5 % ~ 95 %	5 % ~ 95 %
	Power Supply Voltage	- 0.5 V + 4 V	- 0.5 V + 4 V	-0.5V + 4V	- 0.5 V + 4 V	- 0.5 V + 4 V
	Dimension (W x D x H)	60 x 14 x 13 mm	60 x 14 x 13 mm	60 x 14 x 13 mm	60 x 14 x 13 mm	60 x 14 x 13 mm

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.