



### 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

## SFP Fiber Transceiver FTRM-SFP Series



### Specifications

Specification		FTRM-SFP-550M	FTRM-SFP-20KM	FTRM-SFP-40KM	FTRM-SFP-80KM	FTRM-SFP-120KM
Technical Specification	<b>Supply Current</b> Tx Section	300 mA	300 mA	300 mA	300 mA	300 mA
	Rx Section	300 mA	300 mA	300 mA	300 mA	300 mA
	<b>Receiver Sensitivity</b> 550m	-18 dBm	---	---	---	---
	1310nm 20km	---	-20 dBm	---	---	---
	1550nm 40km	---	---	-20 dBm	---	---
	1310nm 40km	---	---	-23 dBm	---	---
	1550nm 80km	---	---	---	-23 dBm	---
	CWDM 80km	---	---	---	-24 dBm	---
	1550nm 120km APD	---	---	---	---	-31 dBm
	CWDM 120km	---	---	---	---	-32 dBm
	<b>Overload Input Power</b> 550m	0 dBm	---	---	---	---
	15km ~80km PIN	---	-3 dBm	-3 dBm	-3 dBm	---
	120km APD	---	---	---	---	-9 dBm
	<b>Center Wave Length</b>	1210nm				
Operating Conditions	<b>Transmission Range</b>	9/125um (up to 20Km)				
	<b>Connector</b>	LC type				
	<b>Operating Temperature</b>	-10°C~70°C				
	<b>Power Supply Voltage</b>	3.135V~3.465V				
	<b>Data rate</b>	1.25/1.0625Gb/s				
	<b>Storage Temperature Range</b>	-40°C~ +85°C				
	<b>Relative Humidity</b>	5% ~ 95%				
	<b>Power Supply Voltage</b>	-0.5V + 4V				
	<b>Dimension (WxDxH)</b>	60x14x13 mm				

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.