





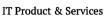




Data Communication

**Optical Fiber** 

**Tele Communication** 





## **Overview:**

The SFP+ transceivers are high performance, cost effective modules supporting data rate of 10Gbps and 40km transmission distance with SMF. The transceiver consists of three sections: a DFB laser transmitter, a APD photodiode integrated with a trans-impedance preamplifier (TIA) and MCU control unit. All modules satisfy class I laser safety requirements. The transceivers are compatible with SFP Multi-Source Agreement and SFF-8472 digital diagnostics functions.

## **Technical Specifications:**

	der : d : FES		
Product Line : Forever Engineering Systems Pvt. Ltd.			
Net	working		
0	Type :SFP+ transceiver module		
0	Form Factor :Plug-in module		
0	Connectivity Technology :Wired		
0	Cabling Type :Ethernet 10GBase-LX		
0	Data Link Protocol :10 Gigabit Ethernet		
0	Data Transfer Rate :10 GBps		
0	Optical Wave Length/component:1310 nm		
0	Max Transfer Distance :up to 60 km		
0	Fibre Cable Type : Single Mode / Dual Mode Fiber		
0	Core Size (Micron) : 125		
0	Tx Power (dBm) : -10		
0	Receiver Sensitivity (dBm) : -20		
Feat	:ures:		
0	Supports up to 10.7Gbps bit rates		
0	Hot-pluggable SFP+ footprint		
0	1270/1330nm DFB laser and APD photodiode, Up to 60km for SMF transmission		
0	Compliant with SFP+ MSA and SFF-8472 with duplex LC receptacle		
0	Compatible with RoHS		
0	Single +3.3V power supply		
0	Real Time Digital Diagnostic Monitoring		
0	Operating case temperature:		

**CORPORATE OFFICE** 

B-817, 8th Floor, Advant Navis Business Park, Sector-142, Noida-201301, Uttar Pradesh, India MOB: 9643979291, PHONE: 0120-4277142

EMAIL: forever.noida@gmail.com





Data Communication



**Tele Communication** 



	Compliant with SFP+ MSA and SFF-8472 with duplex LC receptacle
bl	ications :
	10Gbps Optical systems
	10GBASE-LR at 10.3125Gbps
	10GBASE-LW at 9.953Gbps
	LTE systems
	Other Optical links
/ir	ronmental Parameters
	Operating Temperature : 0 to 70°C
	Humidity Range Operating :10 - 85%
n	patibility

**Optical Fiber**