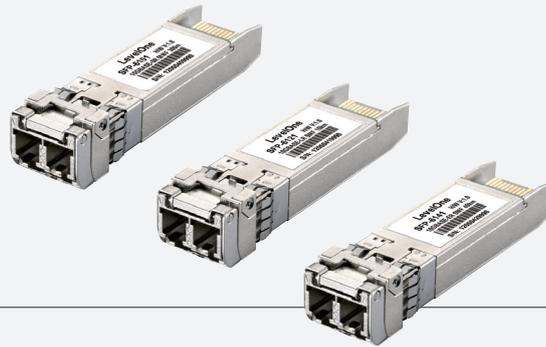


10Gbps SFP Plus Transceivers



SFP-6101
SFP-6121
SFP-6141

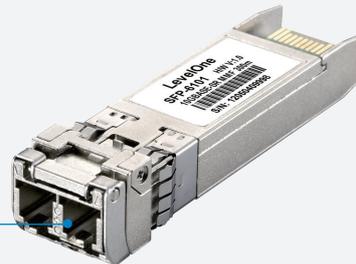
H/W Version: 1

LevelOne's SFP Plus Transceivers are hot-swappable multi-purpose optical modules support 10Gigabit Ethernet applications across most switching and routing platforms. The transceivers support to operate at 10Gbps serial optical data transfer rates on a single duplex fiber core with a length of up to 40km (SMF) or 300m (MMF), ideally suited for data centers, enterprise and storage area networks. In addition, the LevelOne SFP Plus transceivers adopt the most advanced technology to minimize the power consumption in ultra-high speed.

Improved Reliability and Enhanced Interoperability

Featuring Digital Diagnostics Monitoring Interface (DDMI) technology, which gives you the capability of performing a real-time monitoring of those important SFP interface parameters, including supply voltage, temperature and transmitted/received power. Thus assuring that issues can be identified in an early stage. In addition, the SFP transceiver supports Multi-Sourcing Agreement (MSA) which is compatible with a wide range of network devices that must be MSA compliant as well.

Duplex LC connector



Key Features

- High-quality 10Gbase short range SFP plus transceiver
- Comply with SFP Multi-Sourcing Agreement (MSA) to work in MSA compliant devices
- Supports Digital Optical Monitoring (DOM) and Digital Diagnostics Monitoring Interface (DDMI) for easy status monitoring
- Hot-swappable providing non-stop service
- Provides duplex LC connector
- Operating temperature : 0°C ~ 70°C

Works Well With



GTL-2880

L2 Plus Managed Switch - 24 GE with 4 Combo SFP + 4 10GE SFP Plus



GTP-2880

L2 Plus Managed Switch - 24 GE PoE with 4 Combo SFP + 4 10GE SFP Plus



GTL-5280

L2 Plus Managed Switch - 48 GE with 4 Combo SFP + 4 10GE SFP Plus

Technical Specifications

SFP Plus		SFP-6101	SFP-6121	SFP-6141
Transceivers Standard	Standard Compliance	IEEE 802.3ae 10Gbase-SR	IEEE 802.3ae 10Gbase-LR	IEEE 802.3ae 10Gbase-ER
	Form Factor Type	SFP Plus	SFP Plus	SFP Plus
	Fiber Media Support	Multi-mode (MMF)	Single-mode (SMF)	Single-mode (SMF)
	Distance Capacity	62.5 /125μm, 160MHz-km : 26m 62.5 /125μm, OM1 200MHz-km : 33m 50 /125μm, OM2 400MHz-km : 66m 50 /125μm, OM2 500MHz, 82m 50 /125μm, OM3 2000MHz, 300m	10km	40km
Main Features	Hot Pluggable	√	√	√
	MSA Compliant	√	√	√
	DOM(Digital Optical Monitoring)	√	√	√
	RoHS Compliant	√	√	√
Hardware Specification	Data Rate Gigabit	10.3125Gbps		
	Connector	Duplex LC connector		
	Single / Bi-Directional	Single Direction		
	Wavelength	850nm VCSEL	1310nm DML	1550nm Cooled EML
	Average Optical Power	-6.5 ~ -1 dBm	-8.2 ~ 0.5 dBm	-3.0 ~ 3.0 dBm
	Receiver Sensitivity (OMA)	-11.1~ -1 dBm	-14.4~ 0.5 dBm	-15.8~ -1 dBm
	Cable Type	Multi-mode 50 /125μm or 62.5 /125μm fiber	Single-mode	Single-mode
	Power Budget	4.6dB	6.2dB	12.8dB
Physical Specification	Supply Voltage	3.3V	3.3V	3.3V
	Max. Voltage/Current	3.6V/180mA	3.6V/330mA	3.6V/450mA
	Dimensions: (L x W x H)	56.5mm x 14.3mm x 8.5mm		
Environment Specification	Temperature	0°C ~ 70°C		
	Humidity	5-95% (non-condensing)		
Certifications	Certifications	CE,FCC		

Application

SFP-6101 / SFP-6121 / SFP-6141

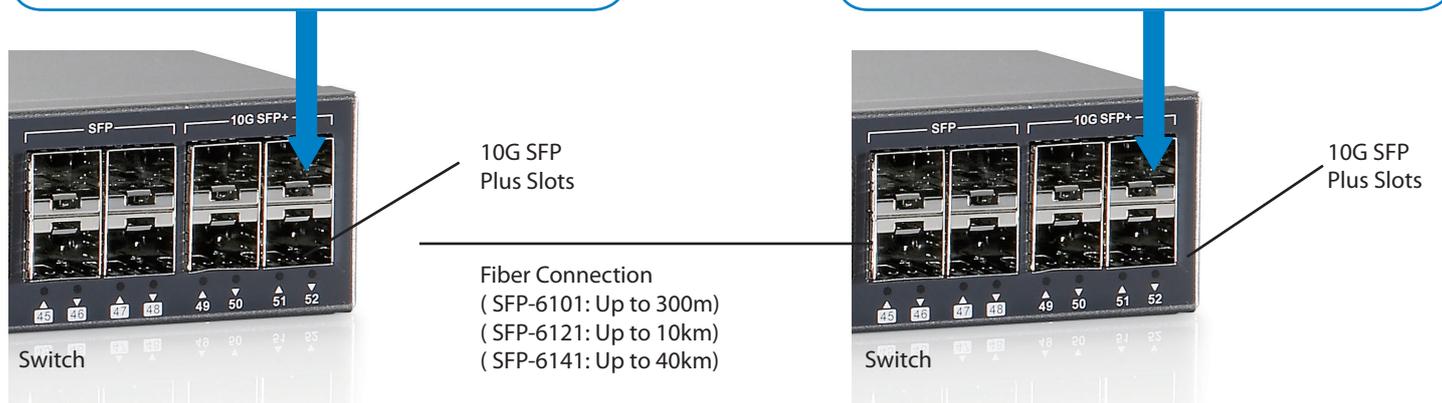


10G SFP Plus Transceiver

SFP-6101 / SFP-6121 / SFP-6141



10G SFP Plus Transceiver



Order Information

SFP-6101: 10Gbps Multi-mode SFP Plus Transceiver (300m)

SFP-6121: 10Gbps Single-mode SFP Plus Transceiver (10km)

SFP-6141: 10Gbps Single-mode SFP Plus Transceiver (40km)

Package Contents

SFP Plus Transceiver