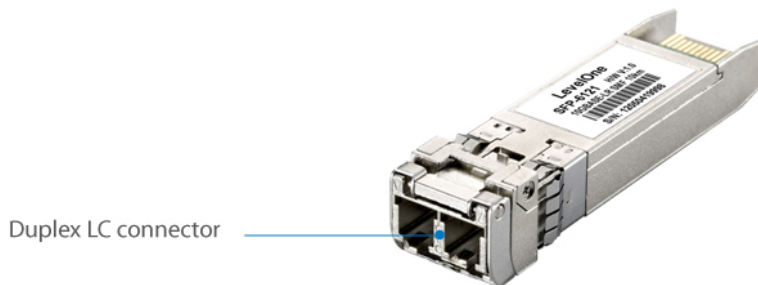


SFP-6121 Version: 1

## 10Gbps SMF SFP-Plus Transceiver, 10km, 1310nm

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.



### 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**

20 GE + 4 GE Combo SFP + 4 10GE SFP-Plus L2-Plus Managed Switch

**GTL-5280**

44 GE + 4 GE Combo SFP + 4 10GE SFP-Plus L2-Plus Managed Switch

**GTP-2880**

20 GE PoE-Plus + 4 GE PoE-Plus Combo SFP + 4 10GE SFP-Plus L2-Plus Managed Switch, 185W

## Specifications

### System Specifications

**Connectors and Cabling:**

Duplex LC Connector, Single-mode fiber(SMF)

**Wavelength(nm):**

1310nm DFB Laser Diode

**Transmit Power:**

-8.2 ~ +0.5 dBm

**Power Budget:**

6.2 dB

**Power:**

Supply Voltage: 3.3V

Max Voltage/Current: 3.6V/330mA

**Standards & Protocols:**

IEEE 802.3ae 10GBASE

SFP+ Multi-Sourcing Agreement(MSA)

**Receive Sensitivity(dBm):**

-14.4 dBm

### Features

**General:**

Hot-swappable

### Performance

**Data Transfer Rate:**

10Gbps Bi-directional data link

**Operating Distance:**

up to 10km (9/125?m)

Fiber channel up to 10.518Gbps

### Environment

**Temperature (°C):**

Operating: 0°C ~ 70°C

Storage: -40 ~ 85°C

**Humidity (Non-condensing):**

5 ~ 95%

### Physical Specifications

**Dimensions (W x D x H mm):**

13.7 x 56.5 x 8.95 mm

Weight (g):

20g

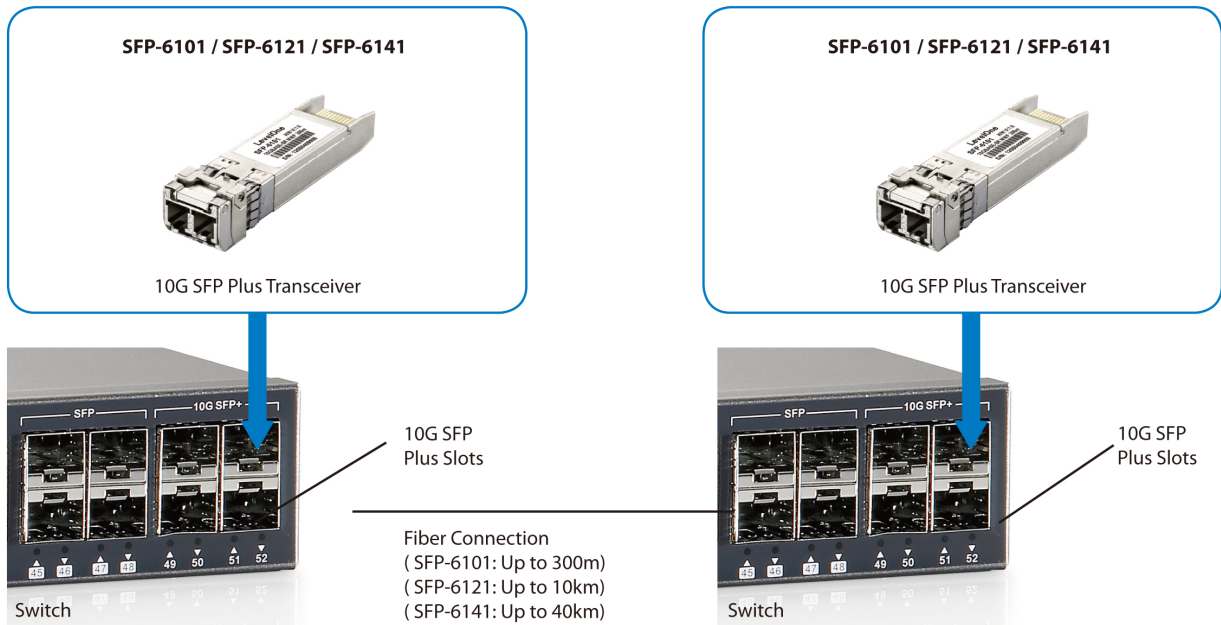
### Others

Approval and Compliance:

Class 1 eye safety and comply with EN 60825-1

CE, FCC, RoHS

### Diagram



### Order Information

SFP-6121

No liability or responsibility for any errors or omissions in the content.  
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