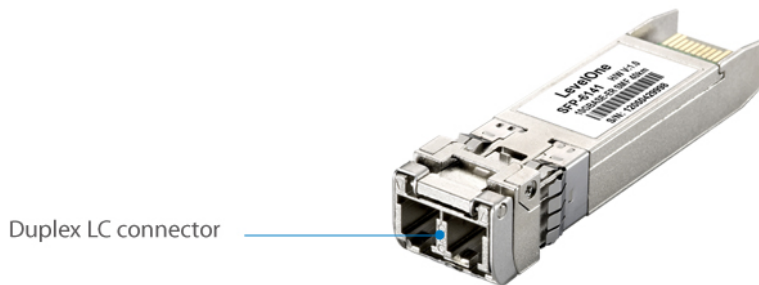


SFP-6141 Version: 1

10Gbps Single-mode SFP Transceiver, 40km, 1550nm

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 to 70°C

Works With



GTP-2880

28-Port L2 Managed Gigabit PoE Switch, 802.3at PoE+, 4 x SFP/RJ45 Combo, 4 x 10-Gigabit SFP



Specifications

System Specifications

Standards & Protocols:

IEEE 802.3ae 10GBASE SFP+ Multi-Sourcing Agreement(MSA)

Connectors and Cabling:

Duplex LC Connector, Single-mode fiber(SMF)

Wavelength(nm):

1550nm EML Laser Diode

Optical Receive Sensitivity:

-15.8 dBm

Optical Link Power Budget:

11.1 dB

Power Input:

Supply Voltage: 3.3V

Max Voltage/Current: 3.6V/500mA

Features

General:

Hot-swappable

Management:

DDMI (Digital Diagnostics Monitoring Interface)

Performance

Data Transfer Rate:

10Gbps Bi-directional data link

Operating Distance:

up to 40km (9/125?m)

Fiber channel up to 10.518Gbps

Optical Transmission Power:

-4.7 ~ +4 dBm

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

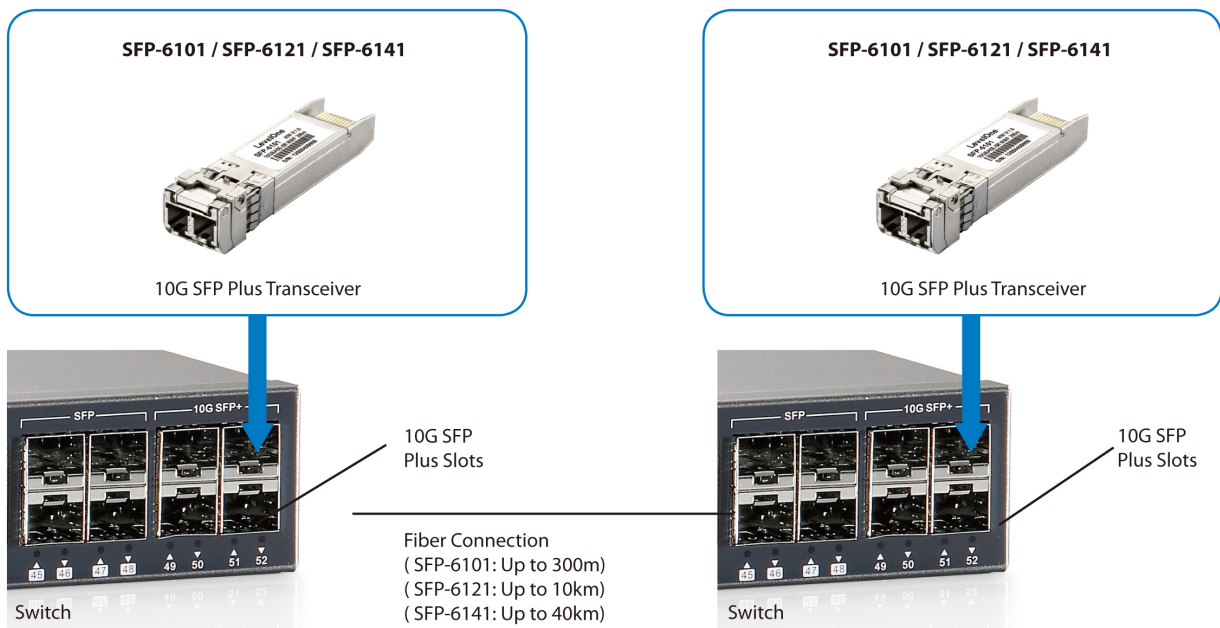
Approval and Compliance

EMI/EMS:

Class 1 eye safety and comply with EN 60825-1

CE, FCC, RoHS

Diagram



Order Information

SFP-6141

Package Contents

SFP-6141