

# SFP-6141 10Gbps Single-mode SFP+ Transceiver, 40km, 1550nm

## Product Images



## Short Description

- Supports Digital Diagnostics Monitoring (DDM) for easy status monitoring
- Provides duplex LC connector
- Hot-swappable providing non-stop service
- RoHS compliant and Lead Free
- Compatible with SFP Multi-Sourcing Agreement (MSA) standards

## Description

LevelOne SFP-6141 SFP-Plus Transceiver is hot-swappable multi-purpose optical module supports 10Gigabit Ethernet applications across most switching and routing platforms. The transceiver supports to operate at 10Gbps serial optical data transfer rates on a single duplex fiber core with a length of up to 40km (SMF), ideally suited for data centers, enterprise and storage area networks. In addition, the LevelOne SFP-6141 adopts the

most advanced technology to minimize the power consumption in ultra-high speed.

## Additional Information

10-Gigabit single-mode LC	1
Color	Silver
EAN	4015867182482
Model Number	SFP-6141
Features	<ul style="list-style-type: none"><li>• Multi-rate links up to 40km of G.652.</li><li>• Built-in dual CDR</li><li>• Hot-swappable</li><li>• 9/125µm Single-mode Fiber</li><li>• Duplex LC Connector</li><li>• SFP MSA SFF-8472 SFF-8431 SFF-8432 Compliant</li></ul>
Fiber Optical Mode	Single-Mode
Transceiver Type	SFP+
Grade	Commercial
Approval and Compliance	<ul style="list-style-type: none"><li>• ESD to the Electrical PINs: compatible with MIL-STD-883 Method 3015</li><li>• ESD to the Duplex LC Receptacle: compatible with IEC 61000-4-2</li><li>• Immunity compatible with IEC 61000-4-3</li><li>• EMI compatible with FCC Part 15 Class B EN55022 Class B (CISPR 22B) VCCI Class B</li><li>• Laser Eye Safety compatible with FDA 21CFR 1040.10 and 1040.11 EN60950, EN (IEC) 60825-1,2</li><li>• ROHS compliant with ROHS 2 (2011/65/EU)</li></ul>
Operating humidity	0% RH ~ 85% RH
Operating temperature	0°C ~ 70°C
Storage temperature	-40°C ~ 85°C
Package Contents	SFP-6141, Quick Installation Guide
Receiver sensitivity	-15.8dBm
Dimensions (W x D x H)	13.7 x 57 x 12 mm
Product weight (kg)	0,02
Data rate	9.95 to 11.3Gb/s
Link power budget (dB)	14.8dB
Optical transmission power (dBm)	-1 to 4dBm (TX Power) , -16 to -1dBm (RX Power)
Power consumption	2.0W(0~70°C), 2.3W(0~85°C)
Power input	3.47V / 600mA

Standards	IEEE 802.3ae 10GBASE-ER
Wavelength (nm)	1550