



SFP-6601 Version: 1

10Gbps Copper SFP+ Transceiver, 30m, RJ45

The LevelOne SFP-6601 is the latest generation of 10Gbps copper SFP+ transceivers. It provides a powerful duplex data link for bidirectional communication over copper Ethernet cables. The SFP-6601 transmits data from 10GBASE-T copper to SFP fiber optic interfaces at up to 10 Gbps and a maximum cable length of up to 30 meters over Category 6a, 7 and 8 twisted pair cables. Ideal for servers and storage systems requiring high bandwidths. The SFP-6601 offers system developers and planners a high degree of flexibility.

Key Features

- Transfers data from 10GBASE-T copper to fiber interfaces
- Hot-swappable providing non-stop service
- RoHS compliant and Lead Free

Specifications

System Specifications

Standards:

IEEE 802.3an 10GBASE-T
IEEE 802.3az
IEEE 802.3-2012
SFF-8431/SFF-8432 MSA

Port:

10Gbps RJ45 port

Power Input:

3.3V / 700mA

Power Consumption:

1.05W

Data Rate:

10GBASE-T(Connect the CAT.6a/7/8 cable)
5GBASE-T(Connect the CAT.5e cable)
2.5GBASE-T(Connect the CAT.5e cable)
1000BASE-T(Connect the CAT.5e cable)

Operating Temperature (°C):

0°C ~ 60°C

Operating Humidity (Non-condensing):

0% ~ 95%



Storage Temperature (°C):

-40°C ~ 80°C

Storage Humidity (Non-condensing):

0% ~ 95%

Features

General:

Hot-swappable

Performance

Operating Distance:

10GBASE-T : 30m

5GBASE-T : 50m

2.5GBASE-T : 50m

1000BASE-T : 100m

Physical Specifications

Dimensions (W x D x H mm):

67 x 8.5 x 13.4

Weight (g):

20

Approval and Compliance

EMI/EMS:

CE

Environmental Test:

RoHS

Order Information

SFP-6601

Package Contents

SFP-6601

Quick Installation Guide

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