



## LevelOne 10Gbps Single-mode SFP+ Transceiver, 10km, 1310nm

**Brand :** LevelOne

**Product code:** SFP-6121

**Product name :** 10Gbps Single-mode SFP+ Transceiver, 10km, 1310nm

10 Gbps, SFP+, LC, 10 km, 1310 nm

[LevelOne 10Gbps Single-mode SFP+ 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.

- 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



| Performance                                     |              | Certificates                |             |
|-------------------------------------------------|--------------|-----------------------------|-------------|
| SFP transceiver type *                          | Fiber optic  | Compliance certificates     | RoHS        |
| Maximum data transfer rate *                    | 10000 Mbit/s | Safety                      | EN 60825-1  |
| Interface type *                                | SFP+         | Certification               | CE, FCC     |
| Single-mode fiber (SMF) supported               | ✓            | Operational conditions      |             |
| Fiber optic connector                           | LC           | Operating temperature (T-T) | 0 - 70 °C   |
| Fiber cable diameters supported (core/cladding) | 9/125 µm     | Storage temperature (T-T)   | -40 - 85 °C |
| Maximum transfer distance                       | 10000 m      | Weight & dimensions         |             |
| Wavelength                                      | 1310 nm      | Width                       | 57 mm       |
| Tx power (min)                                  | -8.2 dBmW    | Depth                       | 12 mm       |
| Tx power (max)                                  | 0.5 dBmW     | Height                      | 13.7 mm     |
| Networking standards                            | IEEE 802.3ae | Weight                      | 20 g        |
| Duplex system                                   | Full         | Packaging content           |             |
| Fiber ports quantity                            | 1            | Quantity per pack           | 1 pc(s)     |
| Features                                        |              | Packaging data              |             |
| Hot-swap                                        | ✓            | Package width               | 106 mm      |
| Power                                           |              | Package depth               | 20 mm       |
| Input voltage                                   | 3.3 V        | Package height              | 65 mm       |
| Maximum voltage                                 | 3.6 V        | Package weight              | 35 g        |
| Maximum current                                 | 0.33 A       | Logistics data              |             |
|                                                 |              | Harmonized System (HS) code | 85369010    |



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### Catalog Object Cloud



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