

10 Gigabit Fiber SFP+ Optical Transceiver Module

10GBase-LR (LC) Single-Mode Port, 10 km (6.2 mi.)

SKU: 507479 | EAN-13: 0766623507479 | UPC: 766623507479

10GBase-LR Gigabit Fiber SFP+ Optical Transceiver Module

The line of Intellinet Network Solutions Enhanced Small Form Factor Pluggable (SFP+) Transceivers provides customers with a combination of high-performance and affordability. These SFP+ transceiver modules come in a metal housing that reduces electromagnetic interference and increases their durability.

10 Gigabit Connectivity

Intellinet Network Solutions 10GBase-LR Fiber SFP+ Optical Transceiver Module, model 507479, is the right choice when it comes to connecting two buildings at 10 GbE speeds with single mode fiber. That's a 10 Gbps connection up to a distance of 10 km (or 6.2 miles).

Small Size for High-Density Fiber Connections

The transceiver comes in a mini-GBIC form factor, making it ideal for environments that require many fiber connections by taking up less space in your cabinet and/or computer room.

Compatibility

Compatibility in your network is everything, and the Intellinet Network Solutions SFP+ Transceiver Module (model 507479) delivers. Use it with any Intellinet Network Solutions SFP+ equipped network switch or any other MSA compliant SFP+ enabled switch. And since the Intellinet Network Solutions SFP+ transceiver module is set to broadcast the vendor pn SFP-10G-LR, compatibility to your Cisco gear is provided.

Hot-Pluggable

The Intellinet Network Solutions 10 Gigabit Fiber SFP+ Optical Transceiver Module (model 507479) is fully hot-pluggable, and that allows you to install the module without rebooting your network switch for uninterrupted network traffic.

Digital Diagnostics Monitoring (DDM)

The Intellinet Network Solutions 10 Gigabit Fiber SFP+ Optical Transceiver Module (model 507479) supports standard digital diagnostics monitoring (DDM) functions, also known as digital optical monitoring (DOM). This gives the user the ability to monitor parameters of the SFP, such as optical output power, optical input power, temperature, laser bias current, and transceiver supply voltage, in real time.

Features:

- Fits any Intellinet Gigabit Ethernet switch with SFP+ module slots, or any MSA or Cisco compliant SFP+ port
- Data transfer rate: 10 Gbps
- One 10GBase-LR single-mode Fiber LC duplex port

For more information on Intellinet products, consult your local dealer or visit www.intelllinet-network.com.
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- Fiber distance support: up to 10 km (6.2 mi.)
- Wavelength: 1310 nm
- Compliant with the SFP Multi-Source Agreement (MSA)
- Equivalent to the Cisco SFP+10GB-LR transceiver
- SFP+ standard form factor
- Supports digital diagnostics monitoring (DDM)
- Low EMI due to fully metallic housing
- Supports hot-plugging
- Fully NDAA-compliant
- Three-Year Warranty

Specifications:

Standards
• IEEE 802.3z (Fiber Optic Gigabit Ethernet)
• IEEE 802.3ae (Fiber Optic 10 Gigabit Ethernet)

General
• Media support: 10GBase-LR single-mode fiber
• Connector: Fiber LC duplex port
• Distance: 10 km (6.2 mi.) with 9/125 µm cable
• Wavelength: 1310 nm
• Fiber power budget:
  - Maximum TX power: 0 dB
  - Minimum TX power: -5 dB
  - Sensitivity: -13 dB
  - Power budget: 8 dB
• Design: SFP+ (enhanced small form-factor pluggable)
• SFF-8472 Diagnostic Monitoring Interface for Optical Transceivers
• Certifications: FCC Class B, CE Mark, IEC-60825, RoHS, NDAA

Compatible Brands
• Cisco, Intellinet Network Solutions, ZyXEL, Linksys, TP-Link, Ubiquiti, D-Link, Edimax, Allnet, Allied Telesis, Digitus, KTI Networks, LevelOne, PLANET, Tenda, TRENDnet, ZTE, Avaya, Mikrotik, Enterasys, Finisar, Dell Force10, Riverstone, Fortinet and more

Power
• Power requirement: 3.3 V
• Power consumption: 1.0 Watt (maximum)

Environmental
• Dimensions: 57 (L) x 14 (W) x 12 (H) mm (2.24 x 0.55 x 0.5 in.)
• Weight: 37 g (1.3 oz.)
• Operating temperature: 0 – 70°C (32 – 158°F)
• Operating humidity: 10 – 85% RH, non-condensing
• Storage temperature: -40 – 85°C (-40 – 185°F)

Package Contents
• 10 Gigabit Fiber SFP+ Optical Transceiver Module

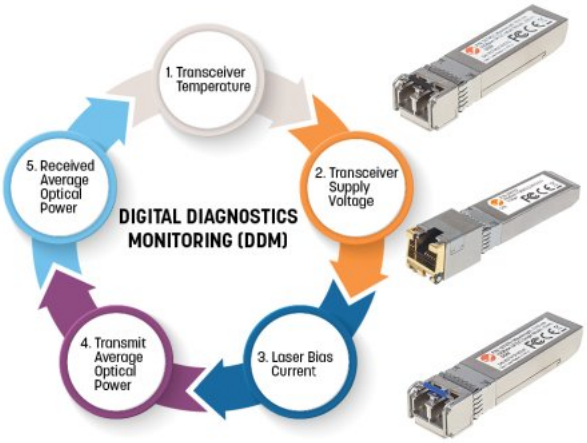




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