

Gigabit Fiber WDM Bi-Directional SFP Optical Transceiver Module

1000Base-LX (LC) Single-Mode Port, 10 km (6.2 mi.), WDM (RX1310/TX1550)

Part No.: 507486

EAN-13: 0766623507486 | UPC: 766623507486

Gigabit Fiber SFP Optical Transceiver Module

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

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 507486) 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 GLC-BX-D, compatibility to your Cisco gear is provided.

For more information on Intellinet products, consult your local dealer or visit www.intelllinet-network.com.
All names of products or services mentioned herein are trademarks or registered trademarks of their respective owners. Distribution and reproduction of this document, and use and disclosure of the contents herein, are prohibited unless specifically authorized.

Hot-Pluggable

The Intellinet Network Solutions Gigabit Fiber WDM Bi-Directional SFP Optical Transceiver Module (model 507486) is fully hot-pluggable, and that allows you to install the module without rebooting your network switch for uninterrupted network traffic.

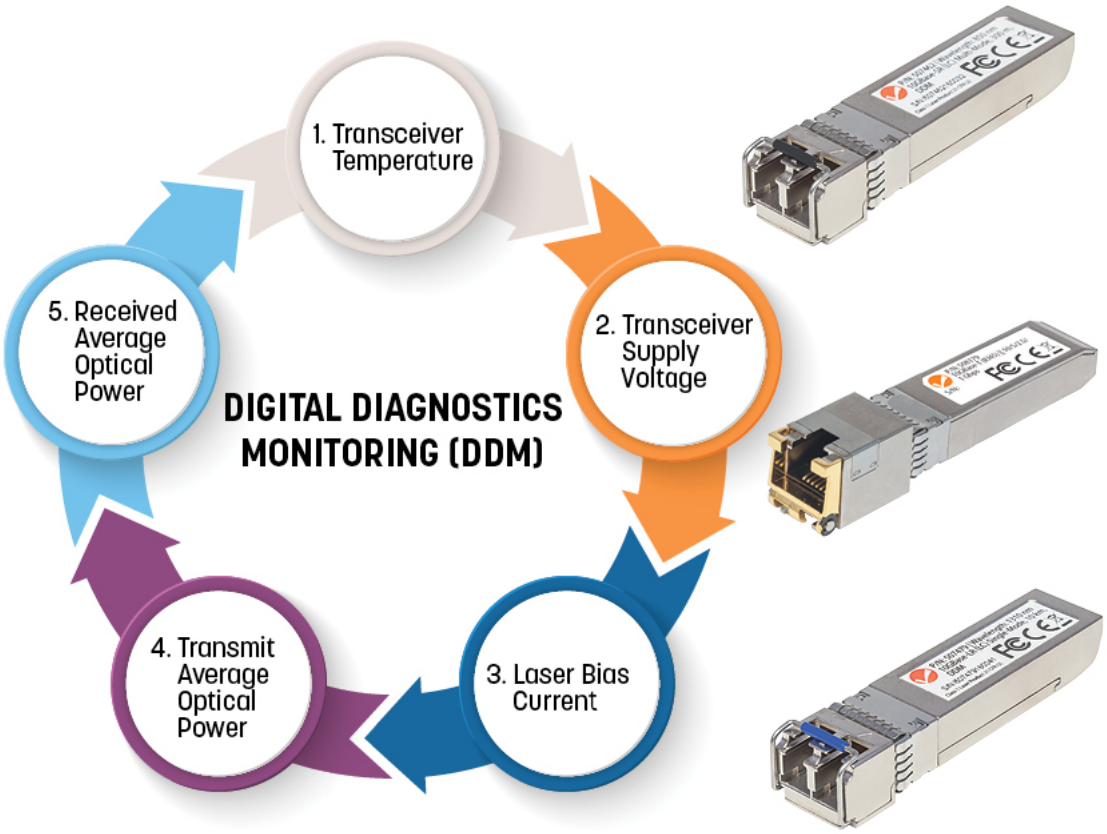
WDM (bi-directional wavelength division multiplexing) Technology Advantage

The Intellinet Network Solutions Gigabit Fiber WDM Bi-Directional SFP Optical Transceiver Module utilizes a single strand of fiber to transmit network traffic on separate receive and transmit wavelengths (1310/1550 nm). This innovative technology allows you to effectively use the two strands for two independent connections or to double the capacity without laying a second fiber cable. Note that this transceiver (model 507486) must be used in conjunction with item 507509.

Digital Diagnostics Monitoring (DDM)

The Intellinet Network Solutions Gigabit Fiber WDM Bi-Directional SFP Optical Transceiver Module (model 507486) 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.

For more information on Intellinet products, consult your local dealer or visit www.intelllinet-network.com.
All names of products or services mentioned herein are trademarks or registered trademarks of their respective owners. Distribution and reproduction of this document, and use and disclosure of the contents herein, are prohibited unless specifically authorized.



Features:

- Fits any Intellinet Gigabit Ethernet switch with SFP module slots, or any MSA or Cisco compliant SFP port
- Must be used with Gigabit Fiber WDM Bi-Directional SFP Optical Transceiver Module, Intellinet model 507509 or Cisco model GLC-BX-U
- Data transfer rate: 1000 Mbps
- One 1000Base-LX single-mode Fiber LC port
- Fiber distance support: up to 10 km (6.2 mi.)
- WDM (wavelength division multiplexing) technology utilizes only one strand of fiber to transmit data on separate receive and transmit wavelengths
- Wavelengths: receive (RX), 1310 nm; transmit (TX), 1550 nm
- Compliant with the SFP Multi-Source Agreement (MSA)
- Equivalent to the Cisco GLC-BX-D transceiver
- SFP standard form factor
- Supports digital diagnostics monitoring (DDM)
- Low EMI due to fully metallic housing
- Supports hot-plugging
- Fully NDAA-compliant

For more information on Intellinet products, consult your local dealer or visit www.intelllinet-network.com.
All names of products or services mentioned herein are trademarks or registered trademarks of their respective owners. Distribution and reproduction of this document, and use and disclosure of the contents herein, are prohibited unless specifically authorized.

- Three-Year Warranty

Specifications:

Standards
• IEEE 802.3z (Fiber Optic Gigabit Ethernet)

General
• Media support: 1000Base-LX single-mode 9/125 µm Fiber
• Connector: Fiber LC port, 1000Base-LX
• Distance: 10 km
Wavelengths:
  - Receive (RX): 1310 nm
  - Transmit (TX): 1550 nm
• Fiber power budget:
  - Maximum TX power: -3 dB
  - Minimum TX power: -8 dB
  - Sensitivity: -24 dB
  - Power budget: 16 dB
• Design: SFP (small form factor pluggable)
• Certifications: FCC Class A, CE, RoHS, UKCA, 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
• Gigabit Fiber WDM Bi-Directional SFP Optical Transceiver Module

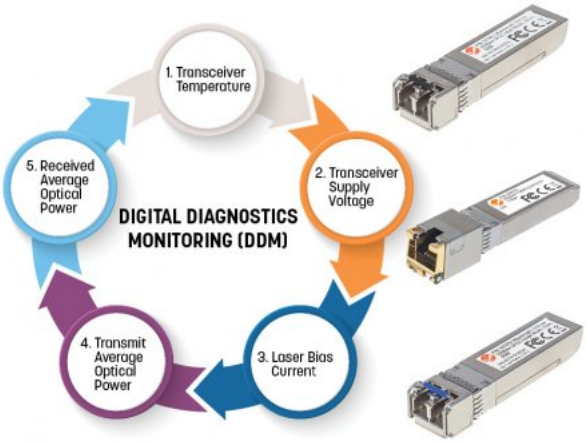
For more information on Intellinet products, consult your local dealer or visit www.intelllinet-network.com.
All names of products or services mentioned herein are trademarks or registered trademarks of their respective owners. Distribution and reproduction of this document, and use and disclosure of the contents herein, are prohibited unless specifically authorized.











For more information on Intellinet products, consult your local dealer or visit www.intelllinet-network.com.
All names of products or services mentioned herein are trademarks or registered trademarks of their respective owners. Distribution and reproduction of this document, and use and disclosure of the contents herein, are prohibited unless specifically authorized.