



## Gigabit Ethernet SFP Mini-GBIC Transceiver

1000Base-SX (LC) Multi-Mode Port, 550 m

Part No.: **545006**

### Gigabit Ethernet SFP Mini-GBIC Transceiver

The new 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.

#### Multi-Vendor Compatible

Meets SFP GBIC standards for use with any SFP GBIC-compliant slot. Use the transceiver with any LAN switch in your network, as long as it supports the SFP GBIC standards.

#### Hot-Pluggable

No need to power down your LAN switch in order to install or remove the transceiver. This makes it very convenient and easy for you to make adjustments to your network that allow your business to keep pace with the changing demands of the market.

### Features:

- Data transfer rate: 1000 Mbps
- One 1000Base-SX multi-mode fiber LC duplex port
- Distance support: up to 550 m (50/125  $\mu$ m cable) or 220 m (62.5/125  $\mu$ m cable)
- Wavelength: 850 nm
- SFP standard form factor
- Supports hot-plugging
- For use with Intellinet Gigabit switch models 560801 and 560818
- Compliant with SFP Transceiver MSA specifications
- Three-Year Warranty

### Specifications:

Standards  
» IEEE 802.3z (Fiber Optic Gigabit Ethernet)

General  
» Media support:  
- 1000Base-SX multi-mode 50/125  $\mu$ m fiber  
- 1000Base-SX multi-mode 62.5/125  $\mu$ m fiber  
» Connector: fiber LC duplex port, 1000Base-SX  
» Distances:  
- 550 m (50/125  $\mu$ m fiber cable)  
- 220 m (62.5/125  $\mu$ m fiber cable)  
» Wavelength: 850 nm  
» Fiber power budget  
- Maximum TX power: -3 dBm  
- Minimum TX power: -8 dBm

For more information on INTELLINET products, consult your local dealer or visit [www.intellinet-network.com](http://www.intellinet-network.com).

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- Sensitivity: -20 dB
- Power budget: 8 dB
- > Design: SFP (small form factor pluggable), 1.25 Gbps
- > Certifications: FCC Class B, CE, RoHS, IEC-60825

**Power**

- > Power requirement: 3.3 V
- > Power consumption: 1.0 watt (maximum)

**Environmental**

- > Dimensions: 55 (L) x 13 (W) x 12 (H) mm (2.2 x 0.5 x 0.5 in.)
- > Weight: 15 g (0.5 oz.)
- > Operating temperature: 0 - 70°C (32 - 158°F)
- > Operating humidity: 5 - 95% RH, non-condensing
- > Storage temperature: -40 - 85°C (-40 - 185°F)

**Package Contents**

- > Gigabit Ethernet SFP Mini-GBIC Transceiver

