

Linksys MGBLH1 Datasheet



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Cisco Linksys MGE Small Form-Factor Pluggable (SFP) or mini Gigabit Interface Converter (mini-GBIC) transceivers are easy-to-install modules that provide a simple way to add fiber connectivity or an extra Gigabit Ethernet port to your Cisco 100, 200, 300, and 500 Series switches. The transceivers are available for single-mode or multimode fiber-optic cabling and can support distances from 100 meters up to 40 kilometers.

Highlights

- Adds fiber-optic connectivity to Cisco 100 to 500 Series switches
- High-performance link for connecting networks within a building or small business area
- Easy removal with an integrated spring latch
- Hot swappable to maintain network availability
- Flexibility of media and interface choice on a port-by-port basis, so you can “pay as you populate”

Specifications

- Model: MGBLH1
- Description: 1000BASE-LH SFP transceiver for single-mode fiber, 1310 nm wavelength, supports up to 40 km
- Media: Single-mode fiber (SMF)
- Application: 1000BASE-LH

- Connector type: Duplex LC
- Wavelength typical (Tx): 1310 nm
- Wavelength range (Rx): 1310 nm
- Maximum distance: Up to 40 km
- Average output power: -4 dBm to 0 dBm
- Receiver sensitivity: -25 dBm (typ)
- Receiver overload: -3 dBm
- Dimensions (W x H x D): 13.4 x 8.5 x 56.5 mm (0.53 x 0.33 x 2.22 in.)
- Unit weight: 0.018 kg (0.63 oz)
- Power: 1W (max)
- Operating temperature: 32° to 158°F (0° to 70°C)
- Storage temperature: -40° to 185°F (-40° to 85°C)
- Operating humidity: 10% to 85% noncondensing
- Storage humidity: 5% to 90% noncondensing

Compatibility

The Cisco MGE SFP transceiver MGBLH1 is supported across a variety of Cisco Small Business switches.

- 110 Series Unmanaged Switches
- 220 Series Smart Switches
- 250 Series Smart Switches
- 350 Series Managed Switches
- 350X Series Stackable Managed Switches
- 550X Series Stackable Managed Switches

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