

## Cisco Compatible Gigabit SFP Modules

### 1000Base-SX Multimode (LC)



TN-GLC-SX-MM

### Features

- Extended operating temperature -40°C to +85°C (TN-GLC-xxx-RGD Modules Only)

### Specifications

|                   |   |
|-------------------|---|
| Standards         | IEEE 802.3  |
| Dimensions        | Width: 0.52" [13 mm]<br>Depth: 2.18" [55 mm]<br>Height: 0.33" [8 mm]  |
| Power Consumption | 0.66 Watts  |
| Power Input       | 3.3V  |
| Environment       | Operating: 0°C to 70°C<br>Storage: -40°C to 85°C  |
| Certifications    | TN-GLC-SX-MM-xx-RGD<br>Operating: -40°C to 85°C<br>IEC-60825, FDA 21,<br>CFR 1040.10 and 1040.11<br>UL (specific SKUs only) |
| Warranty          | Lifetime  |

Note: The Transition Networks TN-GLC-SX-MM Series small form factor pluggable (SFP) transceiver modules are designed to install in any SFP port allowing for 1000Base-SX interfaces to the network through the SFP connector. The TN-GLC-SX-MM transceivers are Cisco Compliant\* and are designed for bi-directional serial-optical data communication such as Gigabit Ethernet or fiber channel at speeds up to 1.25 Gbps.

\*Transition Networks' SFP modules fully comply with the Multi-Sourcing Agreement (MSA). This compliance allows our SFP modules to be used in all other MSA compliant SFP platforms. In addition, Transition Networks SFP modules are also Compliant with all Cisco SFP-based routers and switches, as well as Cisco's IOS software. Transition Networks SFP modules ARE NOT Cisco OEM brand modules.

### Ordering Information

#### Duplex

#### TN-GLC-SX-MM

1000Base-SX 850nm multimode (LC)  
[62.5/125 μm: 220 m/722 ft.]  
[50/125 μm: 550 m/1804 ft.]  
Link Budget: 8.5 dB; UL Listed

#### TN-GLC-SX-MM-PK

Pack of (20) TN-GLC-SX-MM

#### TN-GLC-SX-MMD

1000Base-SX 850nm multimode (LC) with DMI [62.5/125 μm: 220m/722ft.]  
[50/125μm: 550m/1804 ft.]  
Link Budget: 8.5 dB

#### TN-GLC-SX-MM-2K

1000Base-SX 1300nm Ext. multimode (LC)  
[2 km/1.2 mi.] Link Budget: 10.0 dB

#### Extended Operating Temperature

-40°C to +85°C

#### TN-GLC-SX-MM-RGD

1000Base-SX 850nm multimode (LC) with DMI [62.5/125 μm: 220 m/722 ft.]  
Link Budget: 8.5 dB  
[50/125 μm: 550 m/1804 ft.]  
Link Budget: 8.5 dB; UL Listed

#### TN-GLC-SX-MM-2K-RGD

1000Base-SX 1300nm Ext. multimode (LC) with DMI [2 km/1.2 mi.]  
Link Budget: 10.0 dB