



## SFP Dual Wavelength Single-Mode LC Module TEG-MGBS40D3 (v4.0R)

The hot pluggable TEG-MGBS40D3 must be paired with the TEG-MGBS40D5 or other compatible module. This SFP Dual Wavelength Single Mode LC Type module spans distances of up to 40 kilometers (24.9 miles). The SFP interface is compatible with standard SFP slots and offers a 1000 Mbps-LX SFP interface.

## PRODUCT OVERVIEW

- Must pair with TEG-MGBS40D5 or other compatible module
- LC Simplex connector-type
- Dual wavelength fiber mode
- Spans distances up to 40 km (24.9 miles)
- Compatible with standard SFP slots

## FEATURES

- Must pair with TEG-MGBS40D5 or other compatible module
- Compliant with IEEE 802.3z Gigabit Ethernet
- ANSI Fiber Channel compliant
- Compliant with Small Form-Factor Pluggable (SFP) Multi-Source Agreement (MSA) ports
- Supports data rate of up to 1.25 Gbps
- Transmission distance of up to 40 km (24.9 miles)
- Metal Enclosure with low Electromagnetic Interference (EMI) design
- Simplex LC optical interface
- Hot pluggable
- Low power consumption
- 3-year limited warranty



## SPECIFICATIONS

### HARDWARE

<b>Standards</b>	<ul style="list-style-type: none"> <li>• IEEE 802.3z Gigabit Ethernet</li> <li>• ANSI Fiber Channel compliant</li> <li>• Class 1 Laser</li> </ul>
<b>Interface</b>	<ul style="list-style-type: none"> <li>• SFP MSA Compliant</li> <li>• Simplex LC optical interface</li> </ul>
<b>Power Consumption</b>	<ul style="list-style-type: none"> <li>• Max. 0.8 Watts</li> </ul>
<b>Dimension</b>	<ul style="list-style-type: none"> <li>• 57 x 13 x 12 mm (2.2 x 0.5 x 0.5 in.)</li> </ul>
<b>Weight</b>	<ul style="list-style-type: none"> <li>• 18 g (0.6 oz.)</li> </ul>
<b>Temperature</b>	<ul style="list-style-type: none"> <li>• Operating: 0°C ~ 70°C (32°F ~ 158°F)</li> <li>• Storage: -40°C ~ 85°C (-40°F ~ 185°F)</li> </ul>
<b>Humidity</b>	<ul style="list-style-type: none"> <li>• Max. 85% (non-condensing)</li> </ul>
<b>Certifications</b>	<ul style="list-style-type: none"> <li>• CE, FCC</li> </ul>

Model	Wavelength	Optical Output Power (dBm)		Optical Input Power (dBm)		Power Budget	Distance
		Min	Max	Min (Sensitivity)	Max		
TEG-MGBSX	850 nm	-9	-3	-20	-3	-11	550 m
TEG-MGBS10	1310 nm	-9	-3	-22	-3	-13	10 km
TEG-MGBS40	1310 nm	-3	2	-23	-3	-20	40 km
TEG-MGBS80	1550 nm	-3	3	-26	-3	-23	80 km
TEG-MGBS10D3	TX: 1310 nm	-9	-3	-23	-3	-14	10 km
	RX: 1550 nm						
TEG-MGBS10D5	TX: 1550 nm	-9	-3	-23	-3		10 km
	RX: 1310 nm						
TEG-MGBS40D3	TX: 1310 nm	-3	3	-25	-3	-22	40 km
	RX: 1550 nm						
TEG-MGBS40D5	TX: 1550 nm	-3	3	-25	-3		40 km
	RX: 1310 nm						



## PACKAGE CONTENTS

TEG-MGBS40D3

Quick Installation Guide

## RELATED PRODUCTS

<b>TEG-MGBS40D5</b>	SFP Dual Wavelength Single-Mode LC Module
<b>TL2-G244</b>	24-Port Gigabit Layer 2 Switch w/ 4 Shared Mini-GBIC Slots
<b>TL2-E284</b>	24-Port 10/100Mbps Layer 2 Switch w/ 4 Gigabit Ports and 2 Shared Mini-GBIC Slots

## CONTACT INFORMATION

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