



## SFP Dual Wavelength Single-Mode LC Module TEG-MGBS40D5 (v4.0R)

The hot pluggable TEG-MGBS40D5 must be paired with the TEG-MGBS40D3 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 1000Mbps-LX SFP interface.

### PRODUCT OVERVIEW

- Must pair with TEG-MGBS40D3 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-MGBS40D3 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
- Lifetime 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>	• 57 x 13 x 12 mm (2.2 x 0.5 x 0.5 in.)
<b>Weight</b>	• 18g (0.6 oz.)
<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>	• Max. 85% (non-condensing)
<b>Certifications</b>	• CE, FCC

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



## PACKAGE CONTENTS

TEG-MGBS40D5

Quick Installation Guide

## RELATED PRODUCTS

<b>TEG-MGBS40D3</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 10/100 Mbps Layer 2 Switch w/ 4 Gigabit Ports and 2 Shared Mini-GBIC Slots

## CONTACT INFORMATION

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