



## SFP Dual Wavelength Single-Mode LC Module TEG-MGBS10D5 (v4.0R)

The hot-pluggable TEG-MGBS10D5 must be paired with the TEG-MGBS10D3 or other compatible module. This SFP Dual Wavelength Single Mode LC Type module spans distances of up to 10 kilometers (6.2 miles). The SFP interface is compatible with standard SFP slots and supports a 1000 Mbps-LX interface.

### PRODUCT OVERVIEW

- Must pair with TEG-MGBS10D3 or other compatible module
- LC Simplex connector-type
- Dual wavelength fiber mode
- Spans distances up to 10 km (6.2 miles)
- Compatible with standard SFP slots

### FEATURES

- Must pair with TEG-MGBS10D3 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 10 km (6.2 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			
<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		-22	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		-22	40 km
	RX: 1310 nm							

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## PACKAGE CONTENTS

TEG-MGBS10D5

Quick Installation Guide

## RELATED PRODUCTS

TEG-MGBS10D3	SFP Dual Wavelength Single-Mode LC Module
TL2-G244	24-Port Gigabit Layer 2 Switch w/ 4 Shared Mini-GBIC Slots
TL2-E284	24-Port 10/100 Mbps Layer 2 Switch w/ 4 Gigabit Ports and 2 Shared Mini-GBIC Slots

## CONTACT INFORMATION

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