



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



# 1000Base-T to Gigabit SFP Media Converter Series

EIS-G-SFP



## PRODUCT FEATURES

- DIP switch configuration for “Link-Fault-Pass-Through”
- Fiber/auto force mode
- 1000Mbps-Auto/Full-duplex, Auto-Negotiation, Auto-MDI/MDIX
- SFP socket for Gigabit fiber optic expansion
- Full wire-speed forwarding rate
- Aluminum case
- EIS-RACK-16 chassis system compatible

The EIS-G-SFP offers 1000Base-T to 1000Base SFP socket for Gigabit fiber optic expansion for multi-mode or single mode applications. The flexible and easy to use, EIS-G-SFP is one of the most versatile media converters in the world. It is ideal for desktop use, and is also wall mountable. Also available is a 19” rack mountable chassis that holds up to 16 units for central control purposes. The rack holds this unit and other EIS Ethernet and Gigabit Ethernet media converters.

The EIS-G-SFP features easy to understand diagnostic LEDs. These LEDs show details for Link, Transmit/Receive, Full/Half duplex, and power status.

## ORDERING INFORMATION

MODEL NUMBER	DESCRIPTION
EIS-G-SFP	Media Converter 1000Base-T to Gigabit SFP, US Power Supply
EIS-G-SFP-EU	Media Converter 1000Base-T to Gigabit SFP, EU Power Supply
EIS-G-SFP-UK	Media Converter 1000Base-T to Gigabit SFP, UK Power Supply

## ACCESSORIES

- SFP-1000LX-S-20KM-T - SFP Module, 1000Base-Lx, SM 20Km, LC Connector, Wt
- SFP-1000SX-M-550M-T - SFP Module, 1000Base-Sx, MM 550M, LC Connector, Wt
- C5UMB3FBG - 3 ft - Beige - Category 5e UTP Patch Cord Assemblies
- SFP-1000LX-S-10KM-T - SFP Module, 1000Base-Lx, SM 10Km
- EIS-PS-US - EIS Series External Power Adapter 12V US Plug
- EIS-RACK-16 - Media Converter 19 Inch 2U Rack Chassis - 16 Slots
- EIS-RACK-PS - Power Supply For EIS-Rack-16, 84 Watts
- EIS-PS-EU - EIS Series External Power Adapter 12V EU Plug
- EIS-PS-UK - EIS Series External Power Adapter 12V UK Plug

# 1000Base-T to Gigabit SFP Media Converter Series

EIS-G-SFP



## SPECIFICATIONS

ETHERNET TECHNOLOGY	
Standards	IEEE802.3ab 1000Base-T IEEE802.3z 1000Base-SX/1000Base-LX IEEE802.3x
Forward & Filtering Rate	1,488,100pps for 1000Mbps
INTERFACE	
Ethernet Ports	1 - 1000Base-TX 1 - Gigabit SFP
LED Indicators	Per Unit: Power Status (Power) Per Port: 1000T: Link, Full-duplex/Collision Gigabit SFP: Link, Transmit, Receive
MECHANICAL	
Enclosure	Aluminum case
Dimensions	80.30 mm x 109.20 mm x 23.80 mm (3.16 x 4.3 x 0.94 inches)
Weight	150g (0.33lb.)

Installation	Wall Mounting or use with EIS-RACK-16 media converter chassis system
Operating Temperature	0°C to 45°C (32°F to 113°F)
Storage Temperature	-10°C to 70°C (14°F to 158°F)
Ambient Relative Humidity	5% to 95% (non-condensing)
MTBF	381,168 Hours
MTBF Calc. Method	Parts Count Reliability Prediction
POWER	
Input Voltage	12VDC
Power Consumption	2.4W Max. 0.2A@12VDC
REGULATORY APPROVALS	
Emission Compliance	CE Mark Class A FCC Part 15, Class A VCCI Class A

## MECHANICAL DIAGRAM

(dimensions in inches & millimeters)

