Chipsmall

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!

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10/100 Base-TX to 100Base-FX Media Converters

EIS-x-Sx Series

PRODUCT FEATURES

- 128K bits buffer memory
- DIP switch configuration for "Link-Fault-Pass-Through", speed,
- duplex mode 10/100Mbps-Full/Half-duplex
- Auto-negotiation, Auto-MDI/MDIX
- Full wire-speed forwarding rate
- Ships with12VDC external power supply
- 0°C to +45°C (+32°F to +113°F) operating temperature
- Aluminum case
- Desk, wall mount or optional chassis installation

Media converters do more than just convert copper Ethernet signals to fiber. They allow your LAN to be extended beyond the normal 100 meter limit. By using a pair of media converters, LANs can be extended up to 2km with multimode fiber and up to 20km with single-mode fiber. Since your data is traveling via fiber, it's protected from ground loop problems and electrical interference present along the cable run.

The economical EIS series media converters are stand-alone products that come with a power supply or can be mounted in a 19 inch rack chassis. The optional rack system holds up to 16 of the EIS products and includes one power supply to power installed EIS models via the backplane.

A second power supply for the rack system is available. Two power supplies will provide a load-sharing service to add redundancy to your system. If one power supply goes down, the other takes over immediately.

ORDERING INFORMATION

MODEL NUMBER	10/100 COPPER	FIBER	DISTANCE
US Power Supply			
EIS-M-ST	1 (RJ-45)	Multi-mode (ST)	2 km
EIS-M-SC	1 (RJ-45)	Multi-mode (ST)	2 km
EIS-S-SC	1 (RJ-45)	Single-mode (SC)	20 km
European Power Supply (-EU)			
EIS-M-ST-EU	1 (RJ-45)	Multi-mode (ST)	2 km
EIS-M-SC-EU	1 (RJ-45)	Multi-mode (ST)	2 km
EIS-S-SC-EU	1 (RJ-45)	Single-mode (SC)	20 km
United Kingdom Power Supply (-UK) :			
EIS-M-ST-UK	1 (RJ-45)	Multi-mode (ST)	2 km
EIS-M-SC-UK	1 (RJ-45)	Multi-mode (ST)	2 km
EIS-S-SC-UK	1 (RJ-45)	Single-mode (SC)	20 km

ACCESSORIES

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

C5UMB3FBG - 3 ft - Beige - Category 5e UTP Patch Cord Assemblies

EIS-PS-EU - EIS Series External Power Adapter 12V EU Plug

DRT-960-48 - Power Supply, DIN, Metal, 960W, 48V, 340-550Vac 3Phase Input

EIS-PS-UK - EIS Series External Power Adapter 12V UK Plug

10/100 Base-TX to 100Base-FX Media Converters

EIS-x-Sx Series

SPECIFICATIONS

TECHNOLOGY	
Standards	IEEE802.3 10BASE-T IEEE802.3u 100BASETX/100BASE-FX, IEEE802.3x
Processing Type	Store-and-Forward Half-duplex back-pressure and IEEE802.3xfull-duplex flow control
Forward and Filtering Rate:	14,880pps for 10Mbps; 148,810pps for 100Mbps
Packet buffer memory:	128K bits

INTERFACE	
Ethernet Port	10/100BASE-TX: 1 port 100BASE-FX: 1 port
LED Indicators:	Per Unit: Power Status (Power) Per port, 10/100T: Link/Activity, Full-duplex/Collision, Speed Per port, 100FX: Link/Activity, Full-duplex/Collision

POWER	
Input Voltage:	12VDC
Consumption	1.92W Max. 0.16A @ 12VDC

ENVIRONMENTAL	
Operating Temperature:	0 to 45°C (32 to 113°F)
Storage Temperature:	-10 to 70°C (14 to 158°F)
Ambient Relative Humidity:	5 to 95% (non-condensing)

MECHANICAL	
Enclosure	Aluminum case
Dimensions:	80.3W x 109.2D x 23.8H mm (3.16W x 4.30D x 0.94H in)
Weight:	150g (0.33lb)
Installation:	chassis system

REGULATORY APPROVALS	
ISO:	Manufactured in an ISO9001 facility
Safety:	UL60950-1
Emission Compliance:	CE Mark Class A FCC Part 15 Class A VCCI Class A

MECHANICAL DIAGRAM

(dimensions in inches & millimeters)

B&B ELECTRONICS

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