

EL100 Series

10/100BASE-TX to 100BASE-FX Media Converter

株式会社サイバネテック

Value



- › Supports chassis system installation for easy management and power redundancy accomplishment
- › Flexible dip-switch for Ethernet connection configuration

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
- › Packed with 12VDC external PSU
- › 0°C to 45°C (32°F to 113°F) operating temperature range
- › Aluminum case
- › Supports Wall Mounting installation or use with EMC1600 media converter chassis system

Ordering Information

EL100C	10/100BASE-TX to 100BASE-FX Multi Mode (SC) 2Km Media Converter (1310nm)
EL100T	10/100BASE-TX to 100BASE-FX Multi Mode (ST) 2Km Media Converter (1310nm)
EL100C-20	10/100BASE-TX to 100BASE-FX Single Mode (SC) - 20Km Media Converter (1310nm)
EL100T-20	10/100BASE-TX to 100BASE-FX Single Mode (ST) - 20Km Media Converter (1310nm)
EL100L-20	10/100BASE-TX to 100BASE-FX Single Mode (SFF Dual LC) - 20Km Media Converter (1310nm)
EL100C-40	10/100BASE-TX to 100BASE-FX Single Mode (SC) - 40Km Media Converter (1310nm)
EL110C	100BASE-TX to 100BASE-FX Multi Mode (SC) Media Converter
EL110T	100BASE-TX to 100BASE-FX Multi Mode (ST) Media Converter
EL110C-20	100BASE-TX to 100BASE-FX Single Mode (SC) - 20Km Media Converter (1310nm)
EL110T-20	100BASE-TX to 100BASE-FX Single Mode (ST) - 20Km Media Converter (1310nm)
EL110C-40	100BASE-TX to 100BASE-FX Single Mode (SC) - 40Km Media Converter (1310nm)

NOTES :

*EMC1600, proprietary 19" chassis system, can house up to 16xEL100/EL110 Series Converters

*EMC1600 Chassis System is available separately

*More 100FX fiber options are also available upon request

Specifications

株式会社 サイバステック

Technology	
Standards	<ul style="list-style-type: none"> IEEE802.3 10BASE-T, IEEE802.3u 100BASE-TX/100BASE-FX, IEEE802.3x
Forward and Filtering Rate	<ul style="list-style-type: none"> 14,880pps for 10Mbps 148,810pps for 100Mbps
Packet Buffer Memory	<ul style="list-style-type: none"> 128K bits
Processing Type	<ul style="list-style-type: none"> Store-and-Forward Half-duplex back-pressure and IEEE802.3x Full-duplex flow control

Power	
Input	<ul style="list-style-type: none"> Input Voltage: 12VDC
Power Consumption	<ul style="list-style-type: none"> 1.92W Max. 0.16A @ 12VDC

Mechanical	
Casing	<ul style="list-style-type: none"> Aluminum case
Dimensions	<ul style="list-style-type: none"> 80.3mm (W) x 109.2mm (D) x 23.8mm (H) (3.16" (W) x 4.30" (D) x 0.94" (H))
Weight	<ul style="list-style-type: none"> 150g (0.33lb.)
Installation	<ul style="list-style-type: none"> Wall Mounting or use with EMC1600 media converter chassis system

Interface	
Ethernet Port	<ul style="list-style-type: none"> 10/100BASE-TX: 1 port 100BASE-FX: 1 port
LED Indicators	<ul style="list-style-type: none"> Per Unit: Power Status (Power) Per Port: 10/100TX: Link/Activity, Full-duplex/Collision, Speed 100FX: Link/Activity, Full-duplex/Collision

Environment	
Operating Temperature	<ul style="list-style-type: none"> 0°C to 45°C (32°F to 113°F)
Storage Temperature	<ul style="list-style-type: none"> -10°C to 70°C (14°F to 158°F)
Ambient Relative Humidity	<ul style="list-style-type: none"> 5% to 95% (non-condensing)

Regulatory Approvals	
ISO	<ul style="list-style-type: none"> Manufactured in an ISO9001 facility
Safety	<ul style="list-style-type: none"> UL60950-1
Emission Compliance	<ul style="list-style-type: none"> CE Mark Class A FCC Part 15 Class A VCCI Class A

Unit: mm

