

EL2211 Series

10/100/1000BASE-TX to 1000BASE-SX/LX/BX Media Converter

Value

- › Supports chassis system installation for easy management and power redundancy



Features

- › Complies with IEEE802.3 10BASE-T, 802.3u 100BASE-TX, 802.3ab 1000BASE-T, 802.3z 1000BASE-X
- › Supports IEEE802.3x Flow controls: Flow control for full duplex and Back pressure for half duplex
- › DIP switch configuration for "Link-Fault-Pass-Through," fiber auto/force mode
- › Gigabit transmission supports 9K bytes jumbo frame
- › Auto-Negotiation, Auto-MDI/MDIX
- › Full wire-speed forwarding rate
- › Packed with 12VDC external PSU
- › Supports Wall Mounting installation or use with EMC1600 media converter chassis system

Ordering Information

EL2211-X1Z 10/100/1000BASE-TX to 1000BASE-SX/LX/BX Media Converter

Gigabit Options :

- (X) = 3 : 1000BASE-SX (SC) - 550m (850nm)
 4 : 1000BASE-SX (SC) - 2Km (1310nm)
 5 : 1000BASE-SX (ST) - 550m (850nm)
 A : 1000BASE-LX (SC) - 10Km (1310nm)
 B : 1000BASE-LX (SC) - 20Km (1310nm)
 E : 1000BASE-LX (SC) - 40Km (1310nm)
 R : 1000BASE-BX (SC) WDM -TX:1310nm/RX:1550nm - 20Km
 S : 1000BASE-BX (SC) WDM -TX:1550nm/RX:1310nm - 20Km
- (Z) = A : with external power adapter for AU
 E : with external power adapter for EU
 J : with external power adapter for JP
 K : with external power adapter for UK
 U : with external power adapter for USA
 3C : with external power adapter for China

Specifications

Technology	
Standards	<ul style="list-style-type: none"> • IEEE802.3 10BASE-T, IEEE802.3u 100BASE-TX, IEEE802.3ab 1000BASE-T, IEEE802.3z 1000BASE-SX/1000BASE-LX, IEEE802.3x
Forward and Filtering Rate	<ul style="list-style-type: none"> • 14,880pps for 10Mbps • 148,810pps for 100Mbps • 1,488,100pps for 1000Mbps

Power	
Input	<ul style="list-style-type: none"> • Input Voltage: 12VDC
Power Consumption	<ul style="list-style-type: none"> • 2.76W Max. 0.23A @ 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 4.3" (D) x 0.94" (H))
Weight	<ul style="list-style-type: none"> • 150g (0.33lbs.)
Installation	<ul style="list-style-type: none"> • Wall Mounting

Interface	
Ethernet Port	<ul style="list-style-type: none"> • 10/100/1000BASE-TX: 1 port • 100/1000BASE-SX/LX/BX: 1 port
LED Indicators	<ul style="list-style-type: none"> • Per Unit: Power Status, LFPT • Per Port: FX/TX Speed, Link/Activity

Environment	
Operating Temperature	<ul style="list-style-type: none"> • 0°C to 50°C (32°F to 122°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
Emission Compliance	<ul style="list-style-type: none"> • CE Mark Class A • FCC Part 15 Class A • VCCI Class A

Diagrams

Unit: mm

