

NEW

EL2321 Series

OAM Managed 10/100/1000BASE-TX to 100/1000BASE-X Dual Rate Media Converter



Value

- › Auto sense for the fiber transmission rate at 100BASE and 1000BASE connections
- › Supports Dying Gasp for device failure report

Features

- › Complies with IEEE802.3 10BASE-T, 802.3u 100BASE-TX, 802.3ab 1000BASE-T, 802.3z 1000BASE-X
- › Complies with IEEE 802.3ah OAM standard
- › Supports SNMP V1, V2 Management
- › Supports IN-BAND Loop Back and Diagnostic
- › Gigabit transmission supports 9K bytes jumbo frame
- › One fiber interface supports dual rate 100BASE-FX and 1000BASE-SX/LX fiber transmission
- › Supports IEEE802.3x Flow controls: Flow control for full duplex and Back pressure for half duplex
- › Auto-Negotiation, Auto-MDI/MDIX
- › Full wire-speed forwarding rate
- › Supports Wall Mounting installation or use with EMC1600 media converter chassis system

Ordering Information

EL2321-**X1Z** OAM Managed 10/100/1000BASE-TX to 100BASE/1000BASE-X Dual Rate Media Converter

Gigabit Options :

- (X) = 4 : 1000BASE-SX (SC) - 2Km (1310nm)
 A : 1000BASE-LX (SC) - 10Km (1310nm)
 B : 1000BASE-LX (SC) - 20Km (1310nm)
 E : 1000BASE-LX (SC) - 40Km (1310nm)
 P : 1000BASE-BX (SC) WDM –TX:1310nm/RX:1550nm - 10Km
 Q : 1000BASE-BX (SC) WDM –TX:1550nm/RX:1310nm - 10Km
 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"> • 3W Max. 0.25A @ 12VDC |

| Mechanical | |
|--------------|--|
| Casing | <ul style="list-style-type: none"> • Metal case • IP30 |
| 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 (0.33lbs.) |
| 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, OAM loop • Per Port: TX Speed, Link/Activity, Full-duplex |

| Environment | |
|---------------------------|---|
| Operating Temperature | <ul style="list-style-type: none"> • 0°C to 50°C (32°F to 121°F) |
| Storage Temperature | <ul style="list-style-type: none"> • -20°C to 70°C (-4°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

