

AEIO-6542/W13 Ethernet to WDM Single Strand Fiber Optic Converter

AEIO-6542/W15 Ethernet to WDM Single Strand Fiber Optic Converter 03/18/14



Features

- Supports 1-port 100 Mbps single strand fiber optic
- Supports full/half duplex flow control
- Supports Integrated Loop-up engine
- Supports MDI/MDI-X auto crossover
- Provides broadcast storm protection
- Embedded switch controller supports auto-negotiation
- Embedded memory buffer supports, stores, and forwards transmission

Specifications

Input		General	
Standard	IEEE 802.3 IEEE 802.3u IEEE 802.3x	Dimensions	70 x 115 x 27 mm (WxHxD)
LAN	10/100 BaseTX 100 Base-FX	Enclosure	IP30 ABS+PC with solid mounting hardware
Transmission Distance	Ethernet 100 m Fiber: 20 km	Mounting	DIN 35 rail, stack, wall
Transmission Speed	up to 100 Mbps	MTBF	550,000 hrs.
Transmission Channel	AEIO-6542/W13 Tx: 1310 nm Rx: 1550 nm AEIO-6542/W15 Tx: 1550 nm Rx: 1310 nm	Relative Humidity (non-condensing)	Operating: 20 ~ 95% Storage: 0 ~ 95%
		Temperature	Operating : -10 ~ 65°C Stack: -10 ~ 60°C Storage: -20 ~ 80°C
Interface		Protection	
Connectors	(1) RJ-45 (1) SC Type fiber optic connector	ESD Protection	4,000 VDC
LED Indicators	Power Link (100 Base-FX) 100/10 M (Ethernet)	Surge Protection	3,000 VDC (Power)
		Isolation Protection	1,500 VRMS (Ethernet Port)
Power		Certifications	
Power Connectors	2-pin removable screw terminal	Safety	UL 60950-1 CAN/CSA-C22.2 No.60950
Power Consumption	3 W max.	EMC	U.S.A.: FCC Part 15 CISPR 22 EU: EN55011, EN61000-6-4 EN55022 Class A, EN61000-3-2/3 EN55024 IEC61000-4-2/3/4/5/6/8/11 EN61000-6-2
Power Input	(1) Unregulated 10 ~ 30 VDC		

