

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

# AEIO-6542/W15 Ethernet to WDM Single Strand Fiber Optic Converter

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

