Weed Instrument Fiber Optics

EOTec 2000 Ethernet

2E50 Media Converter

The 2E50 Ethernet/Fiber Media Converter Module performs the conversion from 10 BASE-T Ethernet to multi-mode optical fiber, conforming to the specifications of standards IEEE 802.3 and ISO/IEC 68802.3.
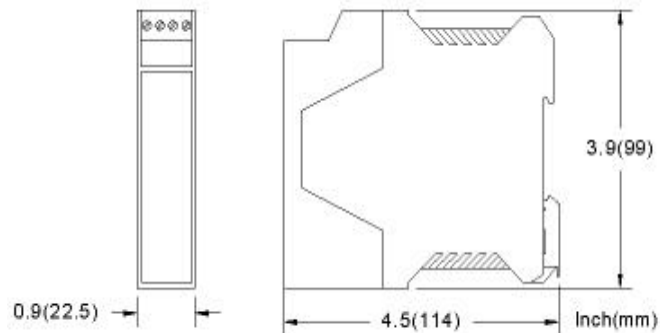
The 2E50 will continuously check both the fiber and the Ethernet ports and provide visual (LED) indications of Link status. Additionally the auto polarity correction circuit will detect and correct a pair of incorrectly connected receive wires at the Ethernet port. The 2E50 is compatible with the 2A50 Power Supply Module.

SPECIFICATIONS

Mechanical:

Mounting:	35mm DIN Rail
Weight:	< 6oz (170g)

3.9(99)
0.9(22.5)
4.5(114)   Inch(mm)

Power Requirements:	24Vdc @ 200 mA, via the bus interconnection in combination with the 2A50 power supply
Communications Data:	10 BASE-T (10 Mbps)

Optical Port
Wavelength :	850nm, Multi-Mode
Connection:	ST* Compatible
Dynamic Range:	12dB utilizing 62.5/125µm Fiber

Status Indicators:	Green LED, Power
Ethernet Port:	Yellow LED, Receive Data
	Green LED,Functional Link
Optical Ports:	Yellow LED, Receive Data
	Green LED, Functional Link

Ambient Conditions:	0° to 55°C Operating Temperature
	30 to 90% Relative Humidity, Non-Condensing

CE

* ST is a registered trademark of AT&T