

2E46 Optical Interface Module



The 2E46 Optical Interface Module connects the EOTec 2000 modem with the fiber cable network allowing the optical signals to be transmitted to and received from another fiber optic modem.

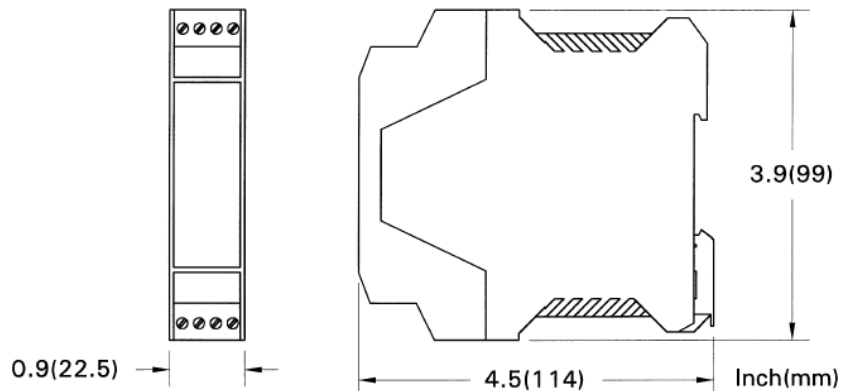
Two optical modules can be used in one modem to form an optical repeater or configure an Optical Daisy Chain. Up to five optical modules can be cascaded to form an optical Star network. Two optical modules combined with a Self-Healing Ring module provide optical media Redundancy in critical applications. A maximum combination of five optical or electrical modules may be connected together in one modem, inter-module communications and operating power is achieved through the integrated module interconnections.

SPECIFICATIONS

Mechanical:

Mounting: 35mm DIN Rail

Weight: < 9oz (250g)



Optical Wavelength: 1300nm, Single-Mode

Communications Data Rates: 9.6K Baud to 12M Baud

Optical Port Connection: ST* Compatible

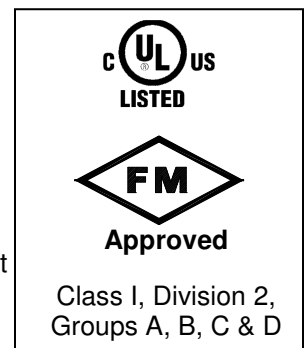
Optical Dynamic Range: 16dB utilizing 9/125 Fiber

Important note for DeviceNet Users Only: When specifying the 2E46 for use with the Model 2C21 DeviceNet module, a minimum of 6dB of loss is required in each of the 2E46 fiber links to prevent over-drive conditions.

Optical Transmit Indicator: Green LED

Optical Receive Indicator: Amber LED

Ambient Conditions: -40°C to 85°C Operational
0 to 95% Relative Humidity Non-Condensing



Notice: This model is ***not*** recommended for use with the ***ControlNet*** protocol.

* ST is a registered trademark of AT&T

