

**6E41 - Optical Interface Module**


The 6E41 Optical Interface Module connects the EOTec 6000 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 four optical modules can be cascaded to form an optical Star network. Two optical modules combined with the Self-Healing Ring modules 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 6A02 Modular Rack's integrated backplane.

**SPECIFICATIONS**
**Mechanical:**

Mounting:	Slots 1 through 4 in the Model 6A02 Modular Rack
Weight:	< 7oz ( 200g )

Optical Wavelength:	1300nm, Single-Mode
Communications Data Rates:	9.6K Baud to 500K Baud
Optical Port Connection:	ST Compatible
Optical Dynamic Range:	16dB, utilizing 9/125mm Fiber
Optical Transmit Indicator:	Green LED
Optical Receive Indicator:	Amber LED
Ambient Conditions:	-40°C to 80°C Storage 0°C to 70°C Operational 0 to 90% Relative Humidity Non-Condensing



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