

**6E03 - Optical Interface Module**


The 6E03 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: 850nm, Multi-Mode

Communications Data Rates: 9.6K Baud to 500K Baud

Optical Port Connection: ST Compatible

Optical Dynamic Range: 17dB, utilizing 200/230mm Fiber  
12dB, utilizing 62.5/125mm 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



Weed Instrument, P.O. Box 300, Round Rock, Texas 78680  
 Shipping: 707 Jeffrey Way, Round Rock, TX 78664  
 Phone: (512) 434-2850, Toll Free: (800) 880-9333, Fax: (512) 434-2851  
 Mail: fiberop@weedinstrument.com, Home Page: <http://www.weedinstrument.com>

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