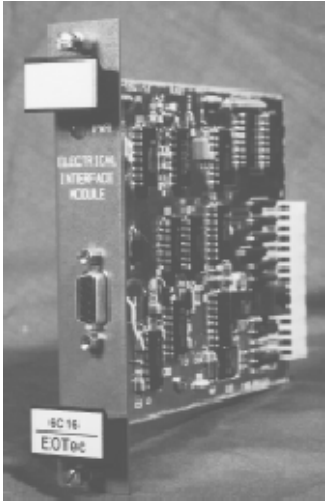




# EOTec 6000

## 6C16 Electrical Interface Module



The 6C16 Module provides electrical interface for RS-485 Half Duplex communications by conditioning the electrical signals supplied to and from Modicon equipment for transmission over the fiber optic network. The module obtains operating power and interconnects to other modules in the EOTec 6000 Modem via the integrated backplane of the Model 6A02 Modular Rack.

The simplest modem configuration consists of a Power Supply, an Electrical Interface, and an Optical Interface Module. However, additional modules may be added to configure Daisy Chain, Star, Self-Healing Ring topologies and provide Redundancy. A maximum combination of five optical or electrical modules may be connected together in one modem.

### SPECIFICATIONS

**Mechanical:**

Mounting: Slot 5 of the 6A02 Modular Rack with the Master/Slave switch in the Master position  
Slot 1 through 4 of the Modular Rack with the switch in the Slave position

Weight: < 7oz ( 200g )

Baud Rate: 500K to 2M Baud

Copper Cable Connector: DB-9 pin

Copper Cable End Termination: Internal, 120 Ohms, Jumper Selectable (In/Out)

Maximum Copper Cable Loss Supported per Module: 20dB maximum

Power Indicator: Green LED

Ambient Conditions: -40°C to 80°C Storage  
0°C to 70°C Operational  
0 to 90% Relative Humidity Non-Condensing

