

6C10 Electrical Interface Module



The 6C10 Module provides electrical interface for networks employing RS-232 (without handshaking) or RS-422 communications by conditioning the electrical signals supplied to and from the RS-232 or RS-422 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.

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: 9.6K to 64K Baud

Copper Cable Connector: Pluggable Cage Clamp Screw Terminals

Copper Cable End Termination: Not required

Maximum RS-232/RS-422 Units and Cable Length Supported per Module: 1 Device, 50 feet (15m) 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

