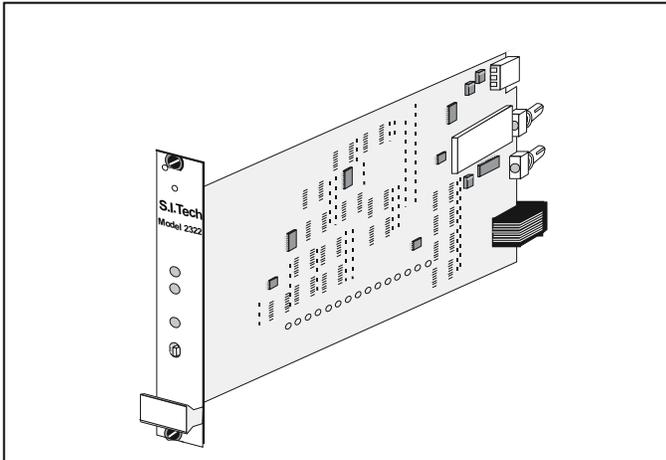


Optical Asynchronous Bit-Driver® Point to Point



Features:

- 0 to 56 Kbps asynchronous, simplex or full duplex operation
- 6600 ft. (2Km) distance capability
- 0 °C to + 50 °C operating range
- ST connector receptacle (SMA option)
- Designed to work with S.I.Tech 2106 or 2012

OPERATING DISTANCE FOR FIBER OPTIC CABLE

Fiber Size (Microns)	Attenuation dB/km	Distance Meters*	Distance Feet*
50	3.0	2000	6600
62.5	4.0	2000	6600
100	5.0	2000	6600
10**	1.0	7000	23000

* High power option available

** Single Mode 1300 nm option

Operation Mode: Asynchronous, simplex or full duplex

Input/Output Interface: RS-422, 8 pin RJ-45, asynchronous at 0 to 56 Kbps

Transmission Line Interface: ST connector is standard for interfacing with fiber optic cable (SMA option)

Transmission Distance: 6600 ft. (2 km)

Optical Power into a 50 Micron

Core Optical Fiber: 5 microwatts, 10 dB power budget @ 820 nanometers (High power option) **

Receiver Sensitivity: 250 nanowatts at less than 10⁻⁹ bit error rate

Operating Temperature: 0 °C to 50 °C

Enclosure: 19" rack (holds 16 cards)

Card Size: Eurocard 3.9" x 6.8" (9.9 x 17.3 cm)

Weight: 0.5 lb (200 grams)

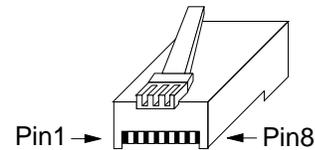
RS - 422 PINS UTILIZED BY 2322 CARD RJ-45 CONNECTOR (FEMALE)

Pin No.	Description	Symbol
2	Receive Data (Positive)	R+ (SRD)
3	Receive Data (Negative)	R- (RC) Receive Common
4	Transmit Data (Positive)	T+ (SSD)
5	Transmit Data (Negative)	T- (SC) Send Common
7	Signal Ground	SG

Meets FCC requirements of Class A, Part 15 Computing Devices Standard.

Specifications subject to change without notice.

RJ-45 Connector (Male)



TYPICAL APPLICATION

