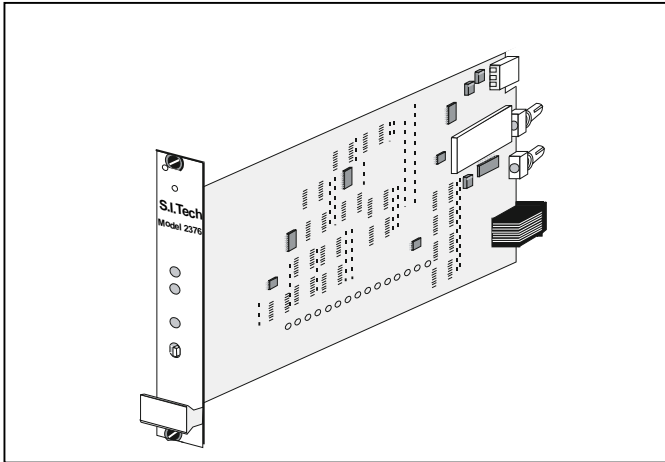


Optical Asynchronous Bit-Driver[®] Point to Point



Features:

- 0 to 256 Kbps asynchronous, simplex or full duplex operation
- 6600 ft. (2Km) maximum distance capability
- 0 °C to + 50 °C operating range
- ST connector receptacle (SMA option)
- Designed for Micros Systems
- Works with S.I.Tech 2176

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 256 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 & 1300nm options)

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

Input Power: S.I.Tech 3000 rack with 4000 power supply

Operating Temperature: 0 °C to +50 °C

Enclosure: 19" rack (hold 16 cards)

Card Size: Eurocard 3.9" x 6.8" (9.9 x 7.3 cm)

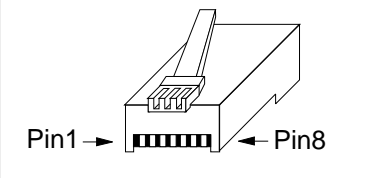
Weight: 0.5 lb (200 grams)

Termination: A switch is provided to terminate RS-422 line

RS - 422, PINS UTILIZED BY 2376 CARD RJ-45 CONNECTOR (FEMALE)

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

RJ-45 Connector (Male)



*Meets FCC requirements of Class A, Part 15 Computing Devices Standard.
 Specifications subject to change without notice.*

