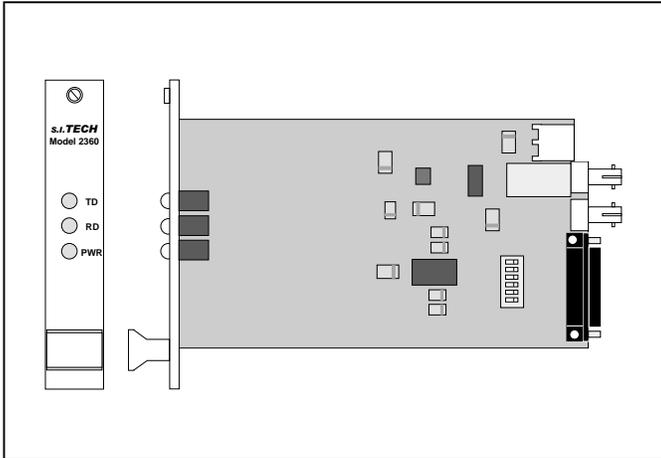


Optical Asynchronous Bit-Driver® Point to Point



Features:

- Up to 115 Kbps asynchronous operation on fiber optic cable, simplex or full duplex operation with handshaking
- 2 full duplex control signals
- See distance chart
- -40 °C to +80 °C operating range (-20 to +60 °C SM)
- Metal ST connector receptacle (SMA option)
- LED indicators for transmit and receive data and Power
- Female RS-232C (V.24) connectors
- Complies with IEEE C37.90.1
- IEC 801 Surge Protection

RS - 232 CONNECTOR PINS UTILIZED BY 2360 CARD (FEMALE)

Pin No.	EIA DESIG.	Description	Symbol	DTE	DCE
1	AA	Protective Ground	Chassis Ground		←→
2	BA	Transmitted Data	TXD	→	
3	BB	Received Data	RXD		←
4	CA	Request to Send	RTS	→	
5	CB	Clear to Send	CTS		←
6	CC	Data Set Ready	DSR	←	
7	AB	Signal Ground	Sig. Gnd.	←→	
20	CD	Data Terminal Ready	DTR		→

Operation Mode: Asynchronous, simplex or full duplex

Input/Output Interface: RS-232-C, asynchronous with 2 control lines

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

Transmission Distance: See Chart

Optical Power into a 50 Micron

Core Optical Fiber: 30 microwatts, 10 dB power budget* @ 820 nanometers
*(High power & 1300nm options)

Receiver Sensitivity: 3 microwatts at less than 10⁻⁹ bit error rate

Operating Temperature: -40 °C to +80 °C (-20 to +60 °C SM)

Enclosure: 19" rack holds 16 cards

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

Weight: 0.5 lb (200 grams)

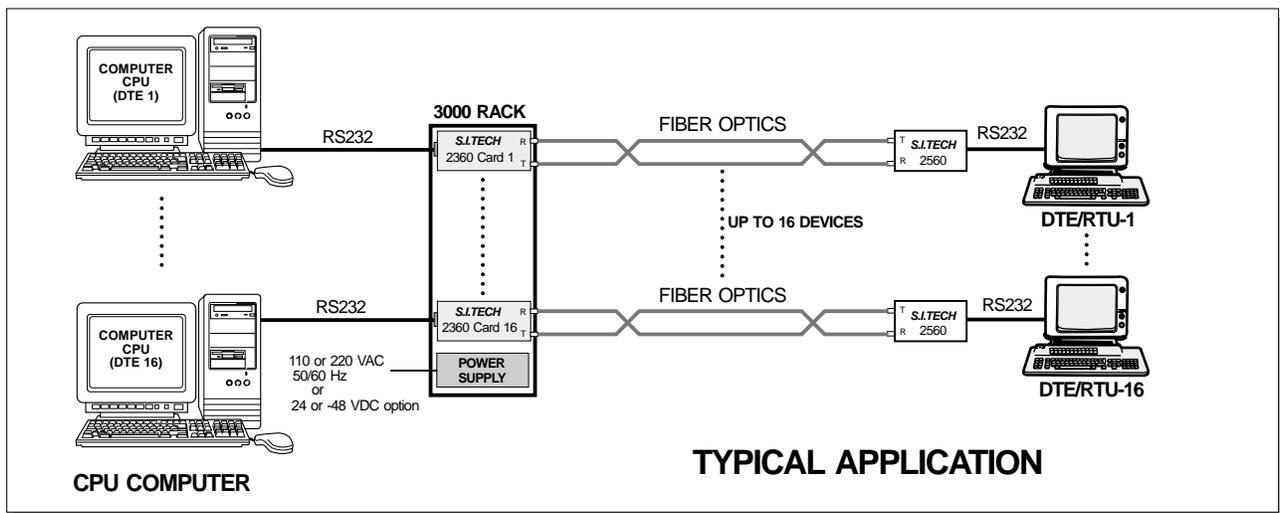
Mini Version: S.I.Tech # 2560

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
10 SM	1.0	5000	16000

* High power option available. SM - Single Mode option (1300nm)
Optical unit connection: Connect the optical transmission line to the T and R receptacles. Note which cable channel goes to T or R by noting cable imprint. On the other end, reverse the connection.

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



TYPICAL APPLICATION