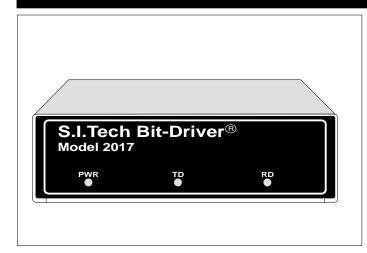


Asynchronous Time Division Multiplexer



Operation Mode: Asynchronous, simplex or full

duplex.

Input/Output Interface: RS-232-C, up to 19.2 Kbps.

data with two full duplex control

lines per channel

Input/Output Connector: 25 pin female (DB25)

Phase distortion: Less than 10%

Optical Power into a

62.5/125 Micron core Fiber: 3 microwatts (50 microwatts

option) 2 Km (5 Km optional)

Receiver Sensitivity: 0.3 microwatts at less than

10⁻⁹ bit error rate

Optical Connector: ST standard (SMA option)

Operating Temperature: 0 °C to 50 °C

Input Power: 105 to 130 VAC 60 Hz

(220 VAC optional)

Metal Enclosure: 7.5" X 7.0" X 3.0"

(19 X 17.8 X 7.6 cm) Rack mounting option

Weight: 3 lbs. (1.4 Kg)

220 Volt Version: Model 2017V

Model 2017 is a four channel communications system providing four Bit-Driver® links using one optical cable interface. Each of the four channels provides full duplex data up to 19.2 Kbps plus 2 full duplex control lines (2 each direction). The interface is RS232 via one DB25 connector for all four channels.

Note: 2 units can be rack mounted side by side in a one U high X 19" case.

PIN ASSIGNMENT FOR THE DB25 CONNECTOR

Function	CH 1	CH 2	CH 3	CH 4
TX Data	1	4	8	11
RX Data	14	17	20	23
RTS	2	5	9	12
DSR	15	18	21	24
DTR	3	6	10	13
CTS	16	19	22	25
Signal Ground	7	7	7	7

Signal Ground: Tied to connector shield.

Note: Order 1 to 4 RS-232 cable #7017. (Male 25 pin

to Male 25 pin)

Operating Distance for Fiber Optic Cable

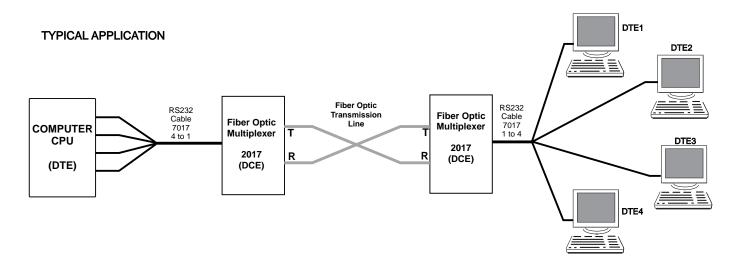
	· Size rons)	Attenuation dB/km	Distance* Meters	Distance* Feet
10	0	5.0	2000	6600
62	2.5	4.0	2000	6600
5	0	3.0	2000	6600
10	O SM	1.0 **	7000	23000

^{**} Single Mode Option

UL & CSA listed. Meets FCC requirements of Class A, Part 15

Computing Devices Standard.

Specifications subject to change without notice.



Short length of some fiber types can overload the receiver, see installation instructions.