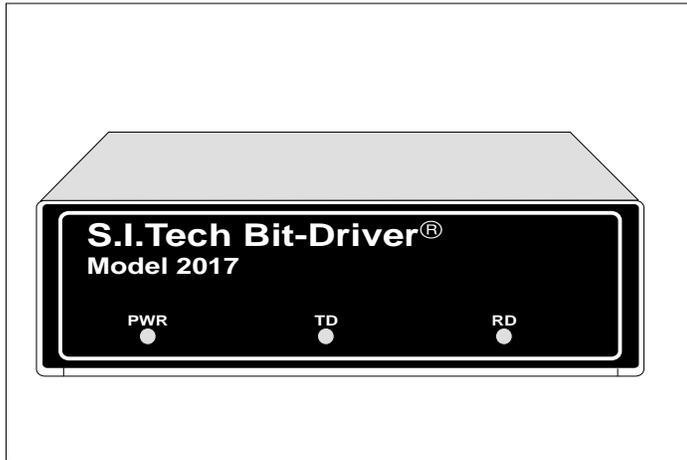


Asynchronous Time Division Multiplexer



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

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

** Single Mode Option

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

UL & CSA listed. Meets FCC requirements of Class A, Part 15 Computing Devices Standard. Specifications subject to change without notice.

TYPICAL APPLICATION

