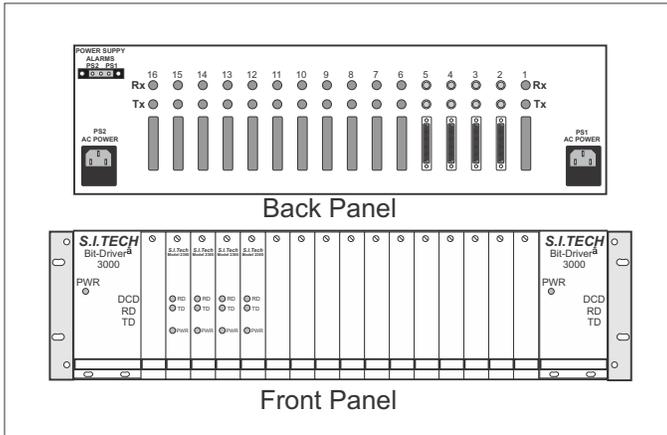


## Fiber Optic or Metallic Bit-Driver<sup>â</sup> Card Cage



S.I.Tech Model 3000 Card Cage is a unique concept that allows the use of fiber optic Bit-Drivers<sup>â</sup>, asynchronous, in a single rack. Each individual Bit-Driver card is fully compatible with stand-alone Bit-Drivers. For performance specifications, see stand-alone model shown in the product chart below.

A total of 16 cards can be used in the 3000 Card Cage along with a power supply. The rack power supply has AC or DC power with failure alarm built-in. Optionally, a redundant power supply can be added.

Each modem is equipped with a status indicator for Transmit Data (TXD), Receive Data (RXD), Data Carrier Detect (DCD), and a multiple DCD indicator for modems in a digital multi-drop configuration.

**Operation Mode:** Asynchronous or Synchronous; fiber optic ; simplex or full duplex; individual cards compatible with stand-alone Bit-Drivers<sup>â</sup>

**Input/Output Interface:** See table

**Transmission Line**

**Interface:** ST or SMA fiber optics, Balanced two-pair metallic circuit

**Transmission Distance:** Up to 20,000 ft., fiber optics matched to customer requirements upto 5 miles (8 Km)

**Operating Temperature:** 0 °C to 50 °C

**Power Supply:** 110 or 230 VAC, 50 or 60 Hz option, or 24 to 72 VDC option, redundant power supply option. UL, CSA, and IEC listed

**19"(48.3 cm) Metal**

**16 Slot Card Cage Size:** A) 9" deep x 2" to 4.5" height adjustable, Eurocard (23 x 5 to 11.4 cm)  
 B) 12" deep x 2" to 4.5" height adjustable, American Standard (30.5 x 5 to 11.4 cm)

**BIT-DRIVER<sup>â</sup> CARD CHOICES**

| Model # | Description         | Rack # | Card Size | Stand-Alone Model # |
|---------|---------------------|--------|-----------|---------------------|
| 2305A   | RS-232 Asynchronous | A      | E         | 2005 (2505-mini)    |
| 2310    | RS-485 Async. - JCI | A      | E         | 2110-mini           |
| 2316    | RS485 Asynchronous  | A      | E         | 2616                |
| 2322    | RS-422 Asynchronous | A      | E         | 2012 (2106-mini)    |
| 2336    | IBM Twinax to Fiber | B or A | AS or E   | 2836                |
| 2345    | RS-485 Async. - JCI | A      | E         | 2110-mini           |
| 2353    | ARCNET to Fiber     | B or A | AS or E   | 2853                |
| 2360    | RS-232 Async        | A      | E         | 2560                |
| 2361    | RS-422 Async        | A      | E         | 2561                |
| 2362    | RS-485 Async        | A      | E         | 2562                |
| 2370    | IBM Coax to Fiber   | B or A | AS or E   | 2870                |
| 2376    | RS-422 Asynchronous | A      | E         | 2176-mini           |
| 2385    | RS-485 Asynchronous | A      | E         | 2110-mini           |

Card Size: AS - American Standard 4.5" X 10" (11.4 X 25.4 cm),  
 E - Eurocard 3.9" X 6.8" (9.9 X 17.3 cm)  
 Mother Board Model #3500: Different mother boards are required depending upon cards chosen  
 #3520: Used only with 2310 Bit-Driver  
 Power Supply Model #4000: A - 110 VAC 60 Hz, B - 230 VAC 50 Hz, C - 48 VDC

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

