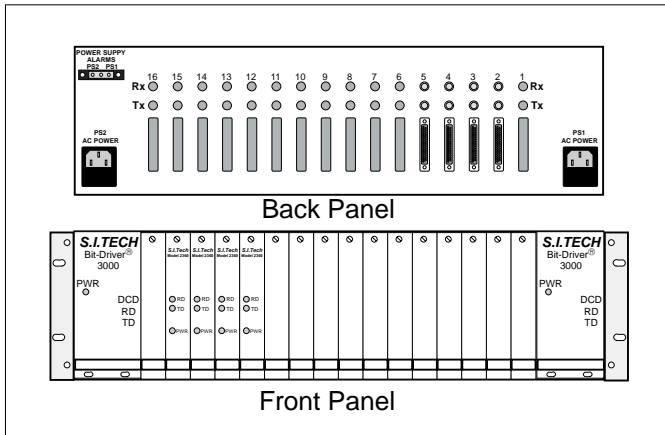


# Fiber Optic or Metallic Bit-Driver® Card Cage



S.I.Tech Model 3000 Card Cage is a unique concept that allows the use of fiber optic and metallic Bit-Drivers®, either asynchronous or synchronous, 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. Models 2330 and 2331 cards allow one or two Bit-Drivers on a card for up to 32 metallic Bit-Drivers in a cage. 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.

### BIT-DRIVER® CARD CHOICES

Model #	Description	Rack #	Card Size	Stand-Alone Model #
Fiber				
2304	RS-232 Synchronous	B	AS	2004
2305A	RS-232 Asynchronous	A	E	2005 (2505-mini)
2310	RS-485 Async. - JCI	A	E	2110-mini
2314	Video TR-2 Channel	B	AS	
2315	Video REC-2 Channel	B	AS	
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
Metallic				
2325	RS-232 Asynchronous	B	AS	2025 (2526-mini)
2330	RS-232 Async - 2 CH	A	E	2025 (2526-mini)
2331	RS-232 Asynchronous	A	E	2025 (2526-mini)

**Operation Mode:** Asynchronous or Synchronous; fiber optic or metallic; simplex or full duplex; individual cards compatible with stand-alone Bit-Drivers®

**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. metallic, fiber optics matched to customer requirements up to 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)

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.*

