

Fiber Media Converter

Fiber Managed Platform FIB1-Data & FIB2-Data FIB1-Data/H & FIB2-Data/H

Stand-Alone V.35/RS-530/449/232/X.21 to Fiber Converter

The FIB1/FIB2-DATA is a media converter for V.35, RS-232, RS-530, X.21 or RS-449 high-speed (2.048Mbps) synchronous or low speed synchronous and asynchronous data transmission over optical fiber media. The FIB1/FIB2-DATA/H is a high speed media converter for V.35, RS-530, X.21 or RS-449 high-speed (8.192Mbps) synchronous data transmission over optical fiber media. When the FIB1/FIB2-DATA card is placed in the FRM301 rack with SNMP management, the card status, type, version, fiber link status, data link status and alarms can all be displayed. Configuration is also available to enable or disable the port, reset the port, set the data rate, modify the clock mode, and initiate local or far end loop back tests.



Features

- 1 port data communication on HDB26 female (adapter cable required)
- Network management via Terminal or SNMP in FRM301 chassis
- Optical Bit Error Rate less than 10^{-11}
- User selectable $n \times 64\text{Kbps}$ ($n \times 256\text{Kbps}$ for H type) data rate, clock mode setting, asynchronous setting, Loop back tests

Specifications

Standard	ITU-T	
LEDs	PWR, Fiber Link, TD, RD, RTS, CTS, DCD, Test mode	
Power	FIB1	External AC adapter; 9VDC@1A
	FIB2	100 — 240 VAC \pm 10%; Frequency: 50 — 60 Hz
Environment	Temperature	0 — 50°C (Operating) ; 0 — 70°C (Storage)
	Humidity	20 — 80% non condensing (Operating); 10 — 90% (Storage)
Power Consumption	FIB1	< 5W
	FIB2	< 5W
Dimensions(DxWxH)	FIB1	85.6mm x 122.6mm x 20mm
	FIB2	85.6mm x 191.7mm x 30mm
Weight	FIB1	300g
	FIB2	550g
Compliance	CE, FCC Class A	
MTBF	257063 Hours	

Ordering Info

FIBX-	XXX-	XX-	XXX
Product Type	Copper Interface Type	Connector Type	Connectivity Distance
FIB1 Family	V35	ST	002: 2km
FIB2 Family	232	SC	015: 15km
		LC	030: 30km
	X21		050: 50km
	449		080: 80km
			120: 120km
			*20A: 20km [WDM only]
			*20B: 20km [WDM only]
			*40A: 40km [WDM only]
			*40B: 40km [WDM only]
			*60A: 60km [WDM only]
			*60B: 60km [WDM only]

*020A must use couple with 020B

*040A must use couple with 040B

Application

