

Unmanaged Platform FIB1-Serial/FDC

RS232/ 485 Fiber Optic Ring/ Daisy-chain Modem



The FIB1-Serial/FDC is a asynchronous fiber optic Ring/ Daisy-chain modem which operates over a fiber link to connect remote terminals and computers, connected in multi-drop, to a central host. The FIB1-Serial/FDC allows for totally redundant, fault tolerant, self-healing operation, providing uninterrupted communications between networks nodes, even if a fiber break occurs in one device in the ring or chain fails.

Features

- Asynchronous transmission at data rate from DC to 256Kbps
- Auto-detect the slave device on the host side
- Automatically prevent a runaway data condition
- Host/Slave selectable
- In-band management will not cause any interruption for the Data communication
- LED indicators for easy-learning of failure-detection
- Multi-drop operation over a fiber link
- Provides in a linear bus topology or daisy-chain topology
- Provides support for RS-232 or RS-422(RS-485) I/F
- Total number of device (host + slave) can up to 256
- Transmission range up to 50Km over single mode fiber

Specifications

Standard	EIA/TIA RS-484/232	
LEDs	Power, TX link/ transmit, FX link/ transmit, Full/ Half duplex mode, LLF, Speed	
Power	External AC adapter required; 12VDC@1	
Environment	Temperature	0 — 50°C (Operating); 0 — 70°C (Storage)
	Humidity	20 — 80% non condensing (Operating); 10 — 90% (Storage)
Power Consumption	< 4W	
Dimensions(WxDxH)	85.6mm x 122.6mm x 20mm	
Weight	340g	
Compliance	FCC part 15 class A, CE	

Ordering Info

FIB1-Serial/FDC	100X/	xx	xxx
	Fiber Type	Connector Type	Connectivity Distance
	S: Single	ST	002: 2km
	M: Multi	SC	015: 15km
	W: WDM	FC	030: 30km
			050: 50km
			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

