Description

The FIB1-1000ES is a standalone optical fiber media converter for 10/100/1000Base TX to 1000Base-SX/LX that also provides NMS functions for Link- Loss-Forwarding, Remote-Monitoring-Status, and Loop-Back-Test. These optional features are especially useful when the standalone units are linked to our rack type units with SNMP management. When auto-negotiation is selected, these units will automatically tailor themselves to convert, depending on your specific network needs. Another unique feature of the FIB1-1000ES converter is the use of a common PCB card which may either be placed in the rack (FRM301 series line card) or used as a standalone converter (FIB1 series). When installed in an FRM301 rack with SNMP, network administrators are able to manage any converter module from anywhere on the network, detect any loss and maintain each loop.

Features

Compatible with FRM301 Chassis for SNMP management
Auto-Negotiation in TP port
Auto-Cross over for MDI/MDIX in TP port
Supports link-loss-forwarding function, loop-Back test, remote state monitor
Supports Auto / Force Mode in FX port
Store and Forward Switching Mechanism
Ability to force 10Mbps or 100Mbps or 1000Mbps in TP port
Full or Half-Duplex in TP port
Max. Packet Size: 1536K Byte

Specifications

Standard	IEEE 802.3 10Base-T, 802.3u 100Base-TX, 802.3ab 1000Base-T and 802.3z 1000Base-SX/LX standards	
Connector	TX	10/100/1000 Mbps RJ45
	FX	1000 Mbps SFP LC
LEDs	PWR, LLF, FX link, TP Link/Speed/Duplex	
Power	External AC adapter; 12VDC@1A	
Environment	Temperature	0 — 50°C (Operating)
		0 — 70°C (Storage)
	Humidity	10 — 90% (Operating)
Power Consumption	< 4W	
Dimensions(DxWxH)	85.6mm x 122.6mm x 20mm	
Weight	340g	
Compliance	FCC part 15 class A, CE	
MTBF	257063 Hours	