



PDH Multiplexer upto 8E1 RFM-8301

Overview

RFM 8301 PDH Multiplexer can multiplex up-to 8 E1 and 1-port of Ethernet (10/100Mbps) in one fiber channel for transportation. It is suitable for low capacity, point-to-point application. The design is state of the art & meets the requirement of telecom carriers to provide multiplexed high bandwidth services to their customers. The equipment is reliable, stable, easy to install and maintain. RFM 8301 supports RS232 asynchronous interface for management and remote loop back functions for diagnostics. The system also supports order wire for voice communications



Key Features

- Multiplexes & De-multiplexes up to 8 E1 channels and 1 10/100Mbps Ethernet channel
- Multiplexes data on Fiber using 150 Mb fiber module
- Fiber port bit rate: 150Mbps, up to 120Km distance without repeater
- Fiber module supports SM/MM fiber
- Supports standard E1 Line code: HDB3, compliant to G.703, G.823 and G.742.
- E1 channel support both 75 ohm & 120 ohm impedance
- Ethernet port support IEEE 802.3u, IEEE 802.3x 10/100Mbps auto-detection, Full/Half Duplex auto-negotiation
- Ethernet port supports VLAN traffic
- Complete Manageability using LCD & front panel switches or RS232 console port.
- Supporting the local/remote E1 loop back
- Providing RS232 port for management, GUI interface
- Order wire for maintenance
- Standalone, 220VAC or -48VDC power supply.



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Management Port	Console management	RS232 Protocol
Power Supply	Input voltage	220VAC/-48V nominal
	Overall power	5W
Operating	Temperature	-5 C -55 C
	Humidity	95%, non-condensing
Standalone Dimensions		483mm (L)*44.45mm (W)*200mm (H)

Ordering Information

RTS RFM 8301-1: MULTIPLEXER with 1E1 & 1 Ethernet port

RTS RFM 8301-4: MULTIPLEXER with 4E1 & 1 Ethernet port

RTS RFM 8301-8: MULTIPLEXER with 8E1, 1 Ethernet port

Contact factory for fiber specifications

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