



FMUX101

Modularized 16E1/T1 + 4x FE Managed Fiber Multiplexer

The FMUX101 is a 1U, 19" rack mountable, PDH fiber optic multiplexer that transmits up to 16 channels plus a 10/100Base-TX Fast Ethernet channel over a single fiber optic link. The FMUX101 chassis supports redundant power and hot swappable design. The AC supplies operate from 100~240VAC while DC supplies operate from 18~60VDC. From the rear of the chassis, one to four hot swappable quad E1 or T1 line cards, serial data communications (V.35, X.21, RS-530) or FXO/FXS voice cards are supported. The standard FMUX101 configuration may be viewed or set via the front panel LCD/menu keys, serial VT-100 terminal connection, Telnet, web HTTP or SNMP.

Feature

- 1U, 19 (23)" 4-slot chassis
- 16 E1 (2.048Mb/s) Multiplexer with 10/100Mbps Ethernet and RS-232 data (async) Interface
- RS-232 port for system console
- One alarm output port, one Order Wire port
- 4x 10/100Base-TX Ethernet ports
- SNMP management
- LCD plus menu keys for local configuration
- Port based VLAN, tag based VLAN & bandwidth control
- Telnet and web based remote configuration
- 2 plug-in SFP slot in optical SFP module

Specifications

Optical Interface	Connector	SFP- LC	Standards	E1:ITU-T, T1:ITU-T, AT&T, ANSI, Ethernet: IEEE802.3x										
	Data rate	155Mbps		Indications	PWR, Alarm, Phone, ACO, Port, Channels									
	Bit Error Rate	Less than 10 ⁻¹¹			Power Input	AC : 100 ~240V								
	Fiber	MM 62.2/125μm, 50/125μm				DC24 : 18~60V								
	Distance	MM 2km. SM 15/30/50/80/120km				Power Consumption	< 25W							
	Wavelength	WDM 20/40/60/80km					Dimensions	250 x 438 x 43mm (D x W x H)						
Electrical Interface	Console, SNMP	RJ45	Weight					3.58kg						
	Ethernet	4x RJ45		Temperature				0 ~ 50°C (Operating), 0 ~ 70°C (Storage)						
	Alarm	RJ45			Humidity			10 ~ 90% non-condensing						
	Standards	Indications						Power Input	Power Consumption	Dimensions	Weight	Temperature	Humidity	Certification
						CE, FCC, RoHS compliant								
50,000 hrs														

Application

