



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
- Forward 1024K byte packets on Ethernet port

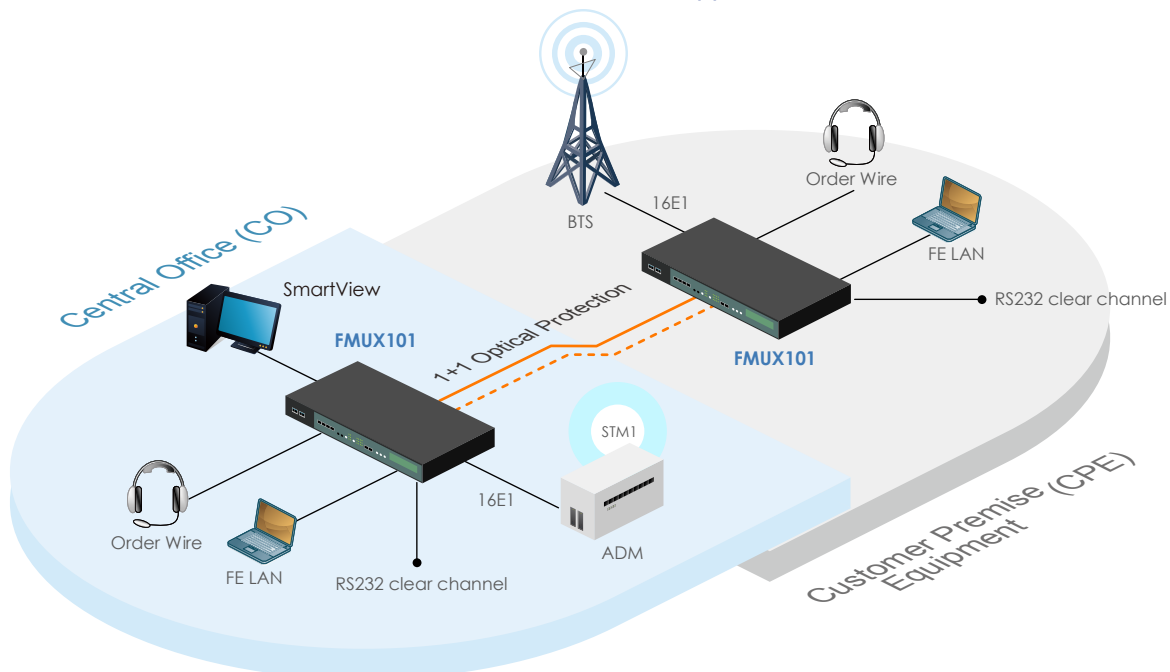
Specifications

Optical Interface	Connector	SFP- LC
	Data rate	155Mbps
	Bit Error Rate	Less than 10 ⁻¹¹
	Fiber	MM 62.2/125μm, 50/125μm SM 9/125μm
	Distance	MM 2km. SM 15/30/50/80/120km WDM 20/40/60/80km
	Wavelength	1310, 1550nm
Electrical Interface	Console, SNMP	RJ45
	Ethernet	4x RJ45
	Alarm	RJ45

Standards	E1:ITU-T, T1:ITU-T, AT&T, ANSI, Ethernet: IEEE802.3x
Indications	PWR, Alarm, Phone, ACO, Port, Channels
Power Input	AC module IN : AC 90 ~ 264V, Out : DC 12V
	DC module IN : DC 18 ~ 72V, Out : DC 12V
Power Consumption	< 25W
Dimensions	250 x 438 x 43mm (D x W x H)
Weight	3.58kg
Temperature	0 ~ 50°C (Operating), 0 ~ 70°C (Storage)
Humidity	10 ~ 90% non-condensing
Certification	CE, FCC, RoHS compliant
MTBF	50,000 hrs

Application

Remote 3G BTS connection Application



-Related Products: FMUX1001, FMUX1600/160, FMUX04E (16x E1/T1 + 4x GbE/FE FOM, 4E1/T1 + 3x FE FOM)