ecom Modular Multi-Service Fiber MUX

P/N: ITT-MU8392





Features:

- Provides total 16 E1 transparent transmission capacity;
- With char 16*2 LCD display and SNMP agent inside.
- Provide Console manage interface(RS232)
- Provice one hotline channel for option;
- Provide two SFP fiber interfaces, one as master, the other as slave, insuring uninterrupted service transmission.
- The rate of optical port is 155Mbps, transmission range can reach 25KM, 40KM, 60KM, 80KM or 120KM;

Description:

The ITT-MU8392 is modular structure point-to-point optical transmission equipment with LCD display, uses the FPGA chips and easy to upgrade. The Main board provide 4*100M channel Ethernet data and 2 AUX port which is for transmitting other data such as RS232/RS485/RS422, two optical interface for optional 1+1 auto protection switch (APS).

4 slots of tributary with variant plug-in modules which included 4xE1 channels module, 4/8/16 x FXO/FXS module and 2x Nx64K V.35 module. The maximum capacity will be up 4 plug-in modules which could be combinations with above modules. The high flexibility, performance, is the best solution for voice/data/video services in existed market.

- Provide two fiber interface 1+1 protect (APS function, and ALS (Automatic Laser Shutdown/Reduction) function
- Provide 4 slots plug-in modules:
 - $4 \times \text{unFramed E1 module } (75\Omega) / (120\Omega)$
 - $4 \times \text{Framed E1 module } (75\Omega) / (120\Omega)$,any timesolts can be set
 - 4×FXO/FXS/EM2-4/Magnet telephone module
 - 8×FXO/FXS/2 line audio/Magnet telephone module
 - 16×FXO/FXS/2 line audio/Magnet telephone module
 - 2×V.35 (2.048M Fixed speed) module
 - 2×V.35 (N*64K N=1-32) module
 - 4×RS232/422/485 module
 - 4*E1 to FE bridge(wire speed 8.192M) module
- Provide 4FE(wire speed 100M)Ethernet channel, support mutual negatiate, Ethernet bandwidth is set on base on multiple of 32K.;
- Ethernet port supports full/half duplex, 10M/100M auto-ataptable;
- Ethernet port supports VLAN function and has 4 devision mode for user selection;
- Ethernet package size support 1916 byte and 4 Ethernet port could be set seperately;
- Has complete alarm function and can monitor remote device status;
- Supports E1 loop from remote so as to detect and manage device conveniently;
- A variety of power supply options: AC220V, DC-48V/DC24V, etc.; support AC + DC; AC + AC; DC + DC



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Fiber

• Optical port: 1,2

• Optical Fiber: Single/Dual fiber

• Fiber interface: FC/SC/ST/LC(SFP)

 Wavelength: 850nm/1310nm Multimode; 1310nm/1550nm Single mode

• Relay-free transmission distance: 20~120Km

Typical transmit power:

• Single mode1310/1550nm: ≥-9dB

• Multimode850nm: -18dBm • Multimode1310nm: -25dBm

• Receive sensitivity range: -28dBm~- 40dBm • Physical Interface: RJ45 Support Auto-MDIX

E1 interface

• Interface Standard: comply with protocol G.703 Interface Rate: 2048Kb/s ± 50ppm

Interface Code: HDB3

• E1 Impedance: Unbalanced 75 Ω / balanced 120 Ω

• Jitter tolerance: In accord with ITU-T G.742 and G.823

• Allowed Attenuation: 0~6dBm

Working environment

 Operating temperature: -10°C—+60°C • Storage temperature: -40°C—+85°C

• Working humidity: 0%—95% (No condensation)

• MTBF: >100,000 hour

◆ FXS interface

 Ringing voltage: 75V · Ringing frequency: 25Hz

Two-wire input impedance: 600Ω (off-hook)

Return Loss: 20dB

◆ FXO interface

• Ring detection voltage: 35V

• Ring detection frequency: 17Hz-60Hz

Two-wire input impedance: 600Ω (off-hook)

Return Loss: 20 dB

E&M 2/4Wire interface

 AD: 0dB DA: 0dB

• Two/Four-wire Impedance: 600 Ohm

Return loss: 20 dB

Magnet Phone Interface

 Ringing voltage: 75V • Ringing frequency: 25Hz

• Two-wire input impedance: 600Ω (off-hook)

Return Loss: 20dB





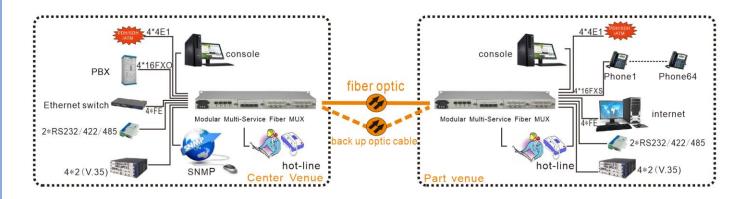


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Technical Parameters:

• Functional Description	LCD PDH , 4FE , With 4 multi-function slots , with ALS function , C and SNMP , 1+1 Back up Optic fiber	Console
• Port Description	1+1 optical port, 4 multifunction slots, 4 FE interfaces,1*RS232 C interface,1*SNMP Ethernet interface, one engineering order-wire tele interface	
• Power	Power supply: AC180V ~ 260V; DC −48V; DC +24V Power consumption: ≤10W	
• Dimension	(L × W × H) 485 * 138 * 45 mm 19 inches 1U	
Weight	3KG/PCS	

















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