

4E1 PDH Multiplexer

2*10/100Mbps line-speed ethernet ports optional,E1 support Both 75ohm & 120ohm

Overview

4E1 PDH Multiplexer can multiplex 4E1 and 2-ports Ethernet (10/100Mbps line speed) signals in one fiber channel to transmit. It is suitable for low capacity, point-to-point application of remote transmission. The circuit part of the equipment is fully digitized. The whole equipment is reliable, stable, easy to install and maintain. It has good temperature and voltage characteristics, complete alarm functions, one RS232 asynchronous interface and remote loop back functions(from software). At the same time, it can be managed from management software Fi-View-MP.



Features

- Providing up to 4 E1 channels and 2 optional 10/100Mbps Ethernet channel
- Fiber port bit rate: 150Mbps, up to 120Km distance without repeater
- E1 Line code: HDB3, compliant to G.703, G.823 and G.742.
- E1 channel support both 75ohm & 120ohm impedance
- Ethernet port support 10/100Mbps auto-detection, Full/Half Duplex auto-negotiation
- Ethernet port can transmit VLAN tag
- Complete alarm functions
- Providing an RS232 asynchronous interface
- Supporting the local/remote E1 loop back
- Remote loop back provided by software and hardware
- Providing RS232 port for management, GUI interface
- Standalone,220VAC or -48VDC power supply optional

Specifications

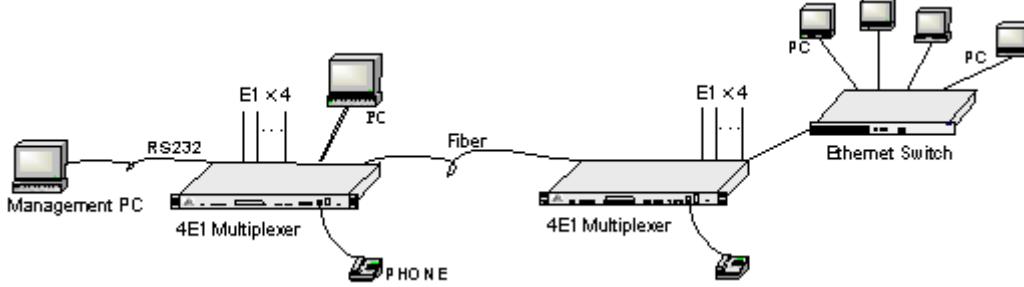
- Optical Port
 - Port number: 1
 - Bit rate: 150Mb/s+/-50ppm
 - Wavelength: 1310nm, 1550nm
 - Distance: 0 - 120Km
 - Connector: FC/PC
- E1 Port
 - Port number: 4
 - Bit rate: 2.048Mbps(+/-100ppm)
 - Impedance: 75ohm and 120ohm
 - Line Code: HDB3, compliance with ITU-T G.703
- Ethernet Port
 - Port number: 2, optional
 - Speed: 10/100Mbps line speed
 - Duplex: Half/Full auto-negotiate
 - Frame Size: 64 - 1536 bytes
 - MAC address: 1k
 - MAC aging time: 5mins
- Power Supply
 - Input voltage: When -48V, -40V ~ -60V (DC) is allowed
 - When ~220V, -175V, ~264V (AC) is allowed.
 - Overall power : 5W
- Operating Environment

Temperature: 0oC --45oC

Humidity: 95%, no condense

- Standalone Size
483mm(L)*44.45mm(W)*200mm(H)
Weight: 2kg

Application



Order Information

F9-120-04FA 4E1 port Multiplexer, 75&120ohm both OK, Optical port: distance:40km, FC/PC, SM1310nm, Standalone, 220VAC power supply

F9-120-04F23A 4E1 port Multiplexer, 75&120ohm both OK, 2-port 10/100Mbps line-speed Ethernet. Optical port: distance:40km, FC/PC, SM1310nm, Standalone, 220VAC power supply

F9-120-04FD 4E1 port Multiplexer, 75&120ohm both OK, Optical port: distance:40km, FC/PC, SM1310nm, Standalone, -48VDC power supply

F9-120-04F23D 4E1 port Multiplexer, 75&120ohm both OK, 2-port 10/100Mbps line-speed Ethernet. Optical port: distance:40km, FC/PC, SM1310nm, Standalone, -48VDC power supply



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