

ATRIE -FOM8

Standalone 4E1 PDH Multiplexer (Fiber Modem)

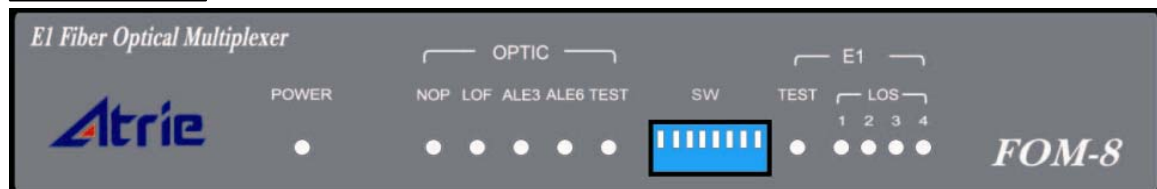
Overview:

ATRIE -FOM8 4E1 PDH (Plesiochronous Digital Hierarchy) which was used in exchanger for long distance transmission, and platform of mobile telecommunication, pager transmission station ect., which was used in mini-medium column and point to point products with fiber supporting, the equipment adopted powerful function and expert digital repeating-connection chips which integrated all digital and logical function in the equipment so that improved the performance and reduced the cost of products, the completed-equipment with good performance, stable operation, low loss, strong integration capacity, small bulk, easy installation and maintenance. Standalone and Rack mount module are both available.

Feature:

1. Developed from the integrated circuit with our own property right.
2. Favorable optic/electric specification provided by integral optic reception/transmission module
3. Offering 4E1 (2.048Mbps) interfaces
4. E1 Line code: compliant to G.703, E1 interface adopt digital phase locked and clock extracted technique
5. Perfect alarm function display remote status
6. up to 120Km distance without repeater
7. Complete alarming function
8. Single-board architecture design

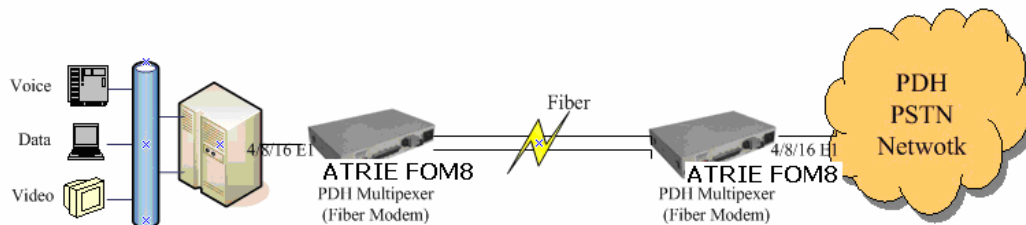
Atrio FOM-8



Specification:

1. Power
AC Input: 100~240V or DC Input: -48V
Power Consumption: $\leq 3W$
2. E1 interface
Compliance with ITU-T G.703
Data rate: 2.048Mbps
Impedance: 75ohm(BNC) or 120ohm(BLANCE)
Line Code: HDB3
Frequency deflection: 2.048MHz $\pm 100PPM$
Jittering: compliance with ITU-T G.742、G.823
3. Fiber interface
Rate: 155Mbps
Line code: 1B1C
Wavelength: 850nm/1310nm/1550nm
Connector: FC/SC
Distance: upto120Km
4. Environment
Operation Temperature: 0~500
Operation Relative Humidity: 20~90%
Store Temperature: -20~65
Store Relative Humidity: 10~95%

Application:



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