

# PDH Optical Multiplexer

**TUOLIMA**

## Description

4/8/16 E1(and 1ETH) PDH optical multiplexer is a kind of point-to-point optical transmission equipment developed based on ultra large scale integrated circuit. Have perfect alarm function, data office telephone optional, high reliability and stabilization, low power consumption, high integration, small bulk, easy installation and maintenance. The device is popularly with telecommunication operator. It is suitable in business for communication operator, government and kinds of entities.



## Features

- ◆ Provides 4/8/16 E1/G.703 ports (120 or 75ohm)
- ◆ Provides function of 4 E1 remote loop, fiber local loop, and 1 interface of phone
- ◆ Two fiber two direction and single fiber two direction for optional
- ◆ Match telecom operation requirement, MTBF above 70,000 hours
- ◆ Provide SNMP function via standalone PDH Optical Multiplexer with SNMP card

## Specification

Item	Unit	Description
<b>E1 Interface</b>		
Standard		Compatible with G.703 and G.704 standard
Rate	M	2.048Mbit/s±50ppm
Coding		HDB3
Impedance	Ohm	75Ω(unbalance) and 120Ω(balance)
Connector		BNC (75Ω) or RJ45 (120Ω)
Jitter Performance		According to G.742 and G.823
<b>Ethernet Interface(10/100Base-T)</b>		
Interface Rate	Mbps	10/100
Interface Character		Match IEEE802.3, IEEE802.1 Q
MAC Address	K	4096
Connector		RJ45
<b>Optical Interface</b>		
Fiber Optical Mode		Single mode, single fiber,1310T/1550R and 1310R/1550Tnm

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Transmission Coding		4B/5B
Receiving Sensitivity	dBm	$\leq -36$ (BER<10)
Receive Range	dB	>-30
Connector		SC/PC or FC/PC
Distance	km	20
<b>General</b>		
Power Supply	V	AC220V and DC-48V
Power Consumption	W	$\leq 5$
Operating Temperature	°C	0 ~ 50
Relative Humidity	%	5 ~ 95
Dimension	Inch	19"

## Application

- ◆ SDH
- ◆ PDH