

4E1/8E1 PDH MULTIPLEXER DATASHEET



RPM-150S4/8ET 4E1/8E1 PDH Multiplexer

Main Feature

- The 4E1 and 8E1 to fiber multiplexer are similar as above picture.
- This series can maximum support ALS, fiber 1+1, power 1+1, 4 Ethernet ports, order wire phone, CONSOLE/SNMP/WEB NMS optional. Please state the requirement when in order.
- 4E1 PDH multiplexer realizes 1~4E1 transmission over fiber.
- 8E1 PDH multiplexer realizes 1~8E1 transmission over fiber.
- E1 spur track loop back testing features, easy to be installed and maintenance.
- Optical optional by customer's requirement.

Technical Parameters

E1 interface	4E1 interface for 4E1 and 8 E1 interfaces for 8E1.
	E1 rate: 2.048Mb/s±50ppm
	Maximum 8E1
	Code type: HDB3

	E1 comply with ITU-T G.703, G.7042
	Jitter comply with ITU-T G.823 and G.742
	E1 with DB37. Be able to be with 75Ω(BNC) or 120Ω(RJ45) by adaptor in the accessory
Fiber	Optical rate: 150Mbps
	Default: dual fiber, single mode, 40km
	Default connector: FC (SC/ST optional)
	Protection switch: 1+1 function optional
	Receiver sensitivity: -34dBm to -8dBm
Ethernet (optional)	4 Ethernet ports with RJ45 connector
	MAC address table capability: 1024
	MAC address table aging time
	The minimum frame length: 64bytes
	The maximum frame length: 1916 bytes
	Working mode: full/half duplex configurable
	Support VLAN, Stream control
	Bandwidth: 4 Ethernet ports shared 100M
Orderwire phone (optional)	Standard 2-wire phone set
	Bandwidth: 64Kbps
	Coding: PCM
	Orderwire phone function optional

	Connector: RJ11
Indicator light	F1,F2: the first or second fiber in use. (for the fiber 1+1 function)
	ALR: the general alarm for local and remote.
	NOP: no optical alarm
	LOF: Loss optical synchronous
	IE-3, IE-6: alarm for error code rate
	LOS1~LOS4 for 1~4E1 and LOS1~LOS8 for 1~8E1: The reference E1 spur tack lose signal
	PLED1, PLED2: the two power indicator light
	ALARM/MUTE button for masking the sound
Environment	Power with 1+1 function
	AC&AC, DC&DC or AC&DC
	Operating temperature: -10~60℃
	Relative humidity≤95% (25℃)
	Relative humidity: 0~95%, noncondensing
Accessory	DB37/RJ45 or DB37/BNC connector, user manual, mount kits