

2x GE to 1x 2.5G Muxponder

Lightem 2-port Gigabit Ethernet Multiplexer aggregates 2x Gigabit Ethernet services into 1x 2.5G uplink, reducing the conversion CAPEX and increasing the fiber utilization effectively.

The multiplexer can be used either in point-to-point topology functioning as a media converter for transporting 2 Gigabit Ethernet services over one fiber or in CWDM system working as a wavelength converter for extending the system's transmission capacity. It is equipped with 3x SFP based ports: 2x Gigabit Ethernet service ports and 1x 2.5G uplink port, enabling a flexible application as required and realizing a cost-effective remote management. Additionally its advanced features such as downlink and uplink loop back, auto laser shutdown and remote network management provide carriers a flexible, reliable and cost-effective two Gigabit Ethernet over one wavelength conversion solution.



FEATURES

- Transporting two wire-speed Gigabit Ethernet services over one wavelength
- Doubling the fiber bandwidth with TDM approach
- Standards & protocols: IEEE802.3x full duplex on 1000BaseT
- IEEE802.3ab 1000BaseT

SPECIFICATIONS

Parameter	Values
Interfaces	Optical Port:1x 2.5G SFP slot + 2x GE (1.25G) SFP slot
Environmental	
Ambient temperature	0 ~ +50°C
Power supply	External 5V DC
Power Adapter	110 or 220V or DC48V
Dimensions	70x94x26mm

ORDERING INFORMATION

PN	Description
LM-2GE-25	2x Gigabit Ethernet SFP Muxponder to 1x 2.5G SFP