

ModulTech
MT-MCB-10G-XFP-XFP-3R 10G OEO



MAIN APPLICATIONS

- Connection between fiber to fiber 10Gbps Ethernet equipment function as fiber mode converter ,or as fiber repeater for long distance transmission.
- Media converter for network backbone(SAN, LAN, MAN).
- Can be applied in Telecommunication room, R&D laboratory, Data center, and etc.
- 1310nm /1550nm/CWDM/DWDM Optical Wavelength Conversion.

KEY Feature :

- 3R Repeater
- Support Jumbo Frame
- Transparent Transport and very low delay
- Support ITUT prescribed DWDM/CWDM wavelength
- Support DMI function for SFP+/XFP fiber module
- Support PRBS31 Pattern Generator and Checker function
- Support Loopback test function
- Economic In-band Management function
- Powerful Network Management function (Web , SNMP , Console)
- Support hot plugging
- Support 2U Rack (16 channel) and standalone use
- Full State Led display
- Easy installation

Technical Information:

Performance Data	Technical Indexes
Equipment function	3R Repeater
Transmission Speed	10Gb/s (9.95Gb/s-11.35Gb/s)
Protocols	IEEE802.3ae (10Gbase-R/LRM)
Access Type	10G LAN/ 10G WAN
Interface Type	A Type: SFP+ To/From SFP+ B Type: SFP+ To/From XFP C Type: XFP To/From XFP
Transmission Distance	SFP+ module: Up to 40Km XFP module: Up to 80Km
Maximum Packet Forwarding Rate	14,880,950/S
Network management information:	<ul style="list-style-type: none"> • Card type information • SFP+ or XFP fiber module detection • SFP+ or XFP fiber module DMI function (Temperature 、 Voltage 、 Optical power) • Link status detector • Enable/Disabled Loopback test function • Enable/Disable PRBS Generator and checker function • Rate select (10Gbase-Lan or Wan) • Remote card's status monitor (only in pairs)
power requirement	Rack-mountable : AC 85 ~ 220V OR DC -48V Standalone: AC 220V OR -48V Power consumption: ≤4W
Work Environment	Operating Temp: 0~ 50 °C Storage Temp: -10~ 70 °C Humidity: 5%~90% (non-condensing)
Dimension	Card : 11.5mm (W) × 78mm (D) Standalone : 156mm (W) × 128mm (D) × 32mm (H)