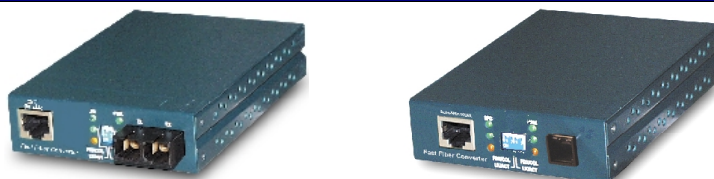


# Modular Fast Fiber Switch Converter

- SC/ST/MT-RJ/VF-45
- Multi-Mode /Single Mode Fiber
- 10/100Base-Tx to 100FX
- Auto MDI/MDI-X on UTP port
- IEEE 802.3/IEEE 802.3u
- Store and Forward
- Filter abnormal packet
- IEEE 802.3x Flow Control
- Link lose forwarding- User site, Central site modes



The Lantech modular Fast Fiber switch converter provides various types of fiber connectors for fiber connectivity, also supporting single mode fiber and multi-mode fiber use for different link distances.

For easily detecting the link status, the Fast Fiber switch converter supports “Link Lose Forwarding” (LLF) function for two modes – User site and Central site mode via a DIP selection. On user site, if the UTP port link goes down, the system will also link down the fiber until the UTP link is recovered. On central site, if the Fiber port link goes down, the system will link down the UTP link until the Fiber link is recovered.

The Lantech modular Fast fiber switch converter can be used as a standalone unit or slide in a 19 inch rack-mount 10 slot chassis.

# SPECIFICATION

Standards	IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-Tx Fast Ethernet ANSI/IEEE 802.3 Auto-Negotiation IEEE 8023.x Flow control on Half/Full Duplex
Protocol	CSMA/CD
Forwarding Rate	14880 PPS for 10Mbps 148800 PPS for 100Mbps
Connector	One STP RJ-45 connector One fiber connector: SC/ST/MT-RJ/VF-45
Network cable	10BASE-T: 2-pairs UTP/STP Cat.3,4,5 cable 100BASE-TX: 2-pairs UTP/STP Cat.5 cable 100BASE-FX: Single mode fiber (8/125um, 9/125um) multi-mode fiber (50/125um, 62.5/125um) Fiber Distance: Multi-mode fiber(2KM) Single-Mode fiber (15/30/60 KM)
Wavelength	Multi-mode: 850nm Single-Mode: 1310nm
DIP Switch	DIP Switch 1: UTP Auto-Nego/10Mbps Full Duplex mode DIP Switch 2: Fiber Full/Half Duplex DIP Switch 3: LLF(Link Lose Forwarding) Enable/Disable DIP Switch 4: UTP LLF (for User Site) Fiber LLF (for Central Site)
MAC address	1K Mac address table with auto learning
Buffer	1MB
Packet Size	64 to 1518 Bytes (No VLAN tag) 68 to 1522 Bytes (with VLAN tag)
LED	Per port: Speed, Link/Activity, Full/Collision Per Unit: Power
Dimension	155mm x 72mm x 19mm( L x W x H)
Operating Temp.	0 to 45 (°C)
Operating Humidity	10% to 90% ( Non-condensing)
External Power	Input: 100~240 VAC,50~60HZ; DC 5V @ 2.5A
Power consumption	4.2 Watts
Weight	307g
EMI	FCC A, CE



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