OPTICAL FIBER SWITCH MODULE RACK
RACK1000-MC Serial

Overview:

The RACK1000-MC Fast Ethernet Switch provides the power of switching with the ease of use and affordability of traditional shared hubs. Truly Plug-and-Play, the RACK1000-MC Fast Ethernet Switch automatically learns about the devices on your network and configures itself, without complicated setup procedures. Dramatic improvements in performance can easily be seen, with speeds of up to 200Mbps per port. Since full bandwidth capability is achieved on each individual port, the congestion problems of shared hubs are easily avoided.

Employing a Buffered Store-and-Forward transmission method with Back Pressure and Flow Control ensures maximum reliability. For added sturdiness, these switches are housed in steel casings and can be rack mounted using the included Rack mount kit. RACK1000-MC Fast Ethernet Switch comes with 8-switched RJ45 or fiber optical ports. Powerful enough to run your network's backbone, yet so easy they can be used in place of your desktop hubs, let ZHT Crop. and the versatile RACK1000-MC Fast Ethernet Switch bring the power of switching to you.

Picture:

Feature:

- Ideal for Integrating the 10/100Mbps or 100BaseFX Ports. Provide Dedicated Bandwidth in Half or Full-Duplex Modes
- Transparent transfer all protocols such as TCP/IP, IPX, XNS, Apple talk, Vines, DEC net, ARP, DECLAT and Lan soft etc.
- Compatible with All Major Network Operating Systems
- Advanced Store-and-Forward Packet Switching Optimizes Data Transfers
- Full wire-speed layer 2 switch on all ports
- Support port-based VLANs
- 1M Buffer Memory
- Internal 1k MAC address table
- Auto address learning
- Auto address aging (default 300 Seconds)
- Supports both Full/Half duplex ports
- Flow control capabilities
- Automatic Transmit delay control capabilities and maximum delay guarantee
- Broadcast flood filtering
- Filtering/Forwarding/Learning Rates
- 2.0 Gbps aggregate bandwidth with speeds of up to 200Mbps per port
- Support Comprehensive At-a-Glance LED'
- Standard
- IEEE 802.3 10BASE-T
- IEEE 802.3U 100BASE-TX, 100BASE-FX
- IEEE 802.1Q VLAN
- IEEE 802.1p Priority Queue
- IEEE 802.1x

Specification:

Power	AC Input	100~240V
	DC Input	-48V
	Power Consumption	≤3W
Ethernet ports	Standard: IEEE 802.3, 802.3u.10/100M electrical Port, MDI/MDIX auto negotiation, Half/ full duplex	
	Qty	1 RJ45 connector
Fiber interface	Rate	155Mbps
	Line code	1B1C
	Wavelength	850nm/1310nm/1550nm
	Connector	FC/SC
	Distance	0-120Km
Environment	Operation Temperature	0°C~50°C
	Operation Relative Humidity	20~90%
	Store Temperature	-20°C~65°C
	Store Relative Humidity	10~95%

Order Info:

RACK1000-MC: Rack 1U, 19 inch, 4 slots, AC+DC power
MODEL1010-MC: 2 x RJ45 10/100M port Card
MODEL1100-X-MC: 1 x RJ45 10/100M port and 1 x Fiber port Card
MODEL1100R-X-Y-MC: 2 x Fiber port Card

Fiber Port:
X, Y: Select: M2: Multi-mode 2Km, M5: Multi-mode
S20, S40, S60, S80, S100, S120:   Single-mode 20, 40, 60, 80, 100, 120Km
SS20, SS40, SS60, SS80:   Single fiber Single-mode 20, 40, 60, 80Km

Type	Connector	Fiber type	Wavelength (Nm)	Max. distance	TX power (dBm)	Sensitivity	Link Budget
M2	SC Duplex	Multi-mode	850	2Km	-13~-8	-30dBm	17dBm
M5	SC Duplex	Multi-mode	850/1310	2Km	-13~-8	-30dBm	17dBm
S20	SC Duplex	Single-mode	1310	20km	-14~-8	-32dBm	18dBm
S40	SC Duplex	Single-mode	1310	40km	-8~-3	-33dBm	25dBm
S60	SC Duplex	Single-mode	1550	60km	--3~0	-36dBm	33dBm
S80	SC Duplex	Single-mode	1550	80km	-10~-5	-35dBm	25dBm
S100	SC Duplex	Single-mode	1550	100km	-5~0	-36dBm	31dBm
S120	SC Duplex	Single-mode	1550	120km	0~+3	-36dBm	36dBm
SS20	SC Simplex	Single-mode	1310/1550	20km	-14~-8	-32dBm	18dBm
SS40	SC Simplex	Single-mode	1310/1550	40km	-8~-3	-33dBm	25dBm
SS60	SC Simplex	Single-mode	1490/1550	60km	-3~0	-36dBm	33dBm
SS80	SC Simplex	Single-mode	1490/1550	80km	-10~-5	-35dBm	25dBm