

24 100BASE-FX PORT +2 GIGABIT/SFP COMBO SWITCH

Overview

The BSF-2428MS is an all fiber switch which includes a gigabit/SFP combo that expands the capability of this switch. BSF-2428MS is equipped for WEB interface and can be programmed for basic switch management functions such as port configuration, VLAN, port mirroring, QoS, bandwidth control, IGMP snooping. It comes in a 19" rack mountable chassis and it represents a cost effective solution to introduce fiber into a building to get stable performance. The standard version has 24 SC connectors MMF. It is also available the version with ST connectors in MMF and single mode distances up to 100km (special orders).



Key Features

- Fully compliant IEEE802.3
- 24 100Mbps ports + 2 independent 10/100/100TX/ SFP combo slots
- Each gigabit port supports auto negotiation and MDI-MDI-X
- It supports Half Duplex with back pressure and flow control for full duplex
- Provides broadcast storm filter
- It supports store and forward architecture/CRC filtering
- It supports QoS and bandwidth control on each port
- It supports Class of Service IEEE 802.1
- WEB interface for basic management

Ordering Information

BSF-2428MS	24 100FX Port + two 10/100/1000/SFP Combo Switch SC MM 2 km
BSD-SFPGLC	SFP, 1.25Gbps, 1310nm, 3.3V 1000Base-FX Multi mode SFP Module, 2km
BSD-SFPGLC-20	SFP, 1.25Gbps, 1310nm, 3.3V 1000Base-FX Single mode SFP Module, 20km (Longer distance special order)

Specifications

Standard	IEEE802.3 10BASE-T Ethernet IEEE802.3u 100BASE-TX /Fx Fast-Ethernet IEEE802.3ab 1000BASE-T 1000M-Gigabit Ethernet IEEE802.3x, Full Duplex, Flow Control IEEE802.3z Gigabit Ethernet IEEE802.3q Tag based VLAN IEEE802.3p Class of Service
Connector	24 100FX Ports Gigabit Ports: 2 x RJ-45 SFP module: 2 x MINI GBIC socket
Network Cabling	UTP: Cat5/5e/6 UTP cable 100m Fiber: 50/125, 62.5/125, 100/140um MM F max 2000m 8.3/125, 8.7/125, 9/125, 10/125um SMF max 20~60km
Switch Architecture	Store and forward switch architecture with Back-plane up to 48Gbps.
MAC address	4K
Packet buffer	2.75 Mbits
Transmission Rate	Ethernet 10Mbps half-duplex 20Mbps full-duplex Fast-Ethernet 100Mbps half-duplex 200Mbps full-duplex
LED	Link/Act , PWR
Power input	AC 180-245 V/50-60 Hz
Operating Temperature	0° ~ 40°C (-32°~ 104°F)
Storage Temperature	-30° ~ 70°C (-22°~158°F)
Humidity	5%~95% no coagulation
Dimension	440 x 207 x 43mm (17.32 x 8.14 x 1.69 inches) 1.0 U height
EMI	FCC, CE class A
Security	MAC Address filter, IP address filter, TCP/UDP Filter
Management	Basic WEB management
VLAN	Port based VLAN 32 groups IEEE 802.3 Q Tag VLAN
Quality of Service	Bandwidth control on each port and TCP/UDP Port Based QoS
Class of Service	IEEE 802.1p CoS
Firmware Update	Upgrade by HTTP file transfer protocol through Ethernet Network