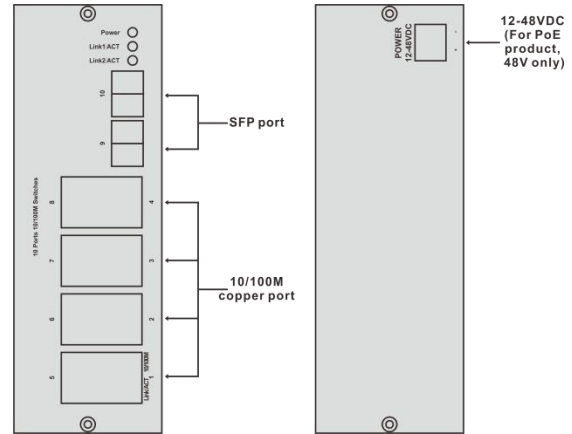


10 Ports Modular 10/100BaseT(X) to 100BaseFX Ethernet/Fiber Switch 8 x 10/100BaseT(X) Ports, 2 x 100M SFP Ports

PRODUCT PHOTO



CONNECTION DIAGRAM

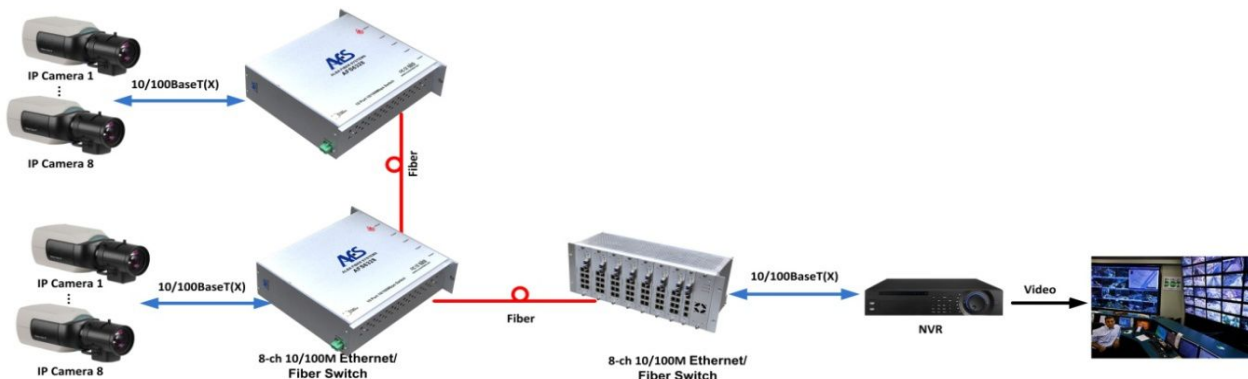


DESCRIPTION

The ALBA FIBER SYSTEMS Series AFS6328 are Ethernet fiber switches designed to transmit and receive 8-ch 10/100 Mbps data over two user selectable SFP options. Available in commercial temperature grade, units feature half or full duplex mode and Auto-Negotiation to 10Mbps or 100 Mbps Ethernet rate without adjustments. The optical interfaces operate at a 100Mbps rate. Plug-and-play design ensures ease of installation and no user electrical or optical adjustments are required. Features included are low power consumption, LED indicators for monitoring equipment link and performance operating status and auto resettable voltage transient fuses. With 12-48VDC input voltage on standalone, industry highest density 7 card slots, 1 PSU or 6 slots and 2 PSU per 19"Lx4U Rackmount Chassis, the Series AFS6328 are outstanding products for transmission of 8-ch 10/100Mbps Ethernet signals.

FEATURES

- 8 x 10/100Mbps Ethernet Ports
- 2 x 100BASE-FX SFP Ports (SC or LC)
- Electrical port supports Auto-Negotiation for 10Mbps or 100Mbps, full or half duplex mode
- Optical port supports 100Mbps full duplex data
- Automatic MDI/MDI-X crossover cables
- Transparent to data encoding/compatible with major data protocols; IEEE 802.3 compliant
- No Electrical or Optical User Adjustments
- Performance and Link Status Indicator LEDs
- Voltage Transient Protection on Power/Signals
- Auto Resettable Fuses on Power Lines
- Hot-Swappable Rackmount Cards
- Designed with Lowest Power Consumption
- Highest Density - 7 Slots and Power Supply
- 12-48VDC Input Voltage (Standalone)
- 90-130VAC or 180-264VAC (19" Chassis)
- Compliance with CE, FCC, ROHS



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DATA

Data Interface	8 x 10/100BaseT(X) RJ-45 ports
Data Rate	10/100 Mbps

SWITCH PARAMETERS

MAC Table	1K
Switching Delay	<5μs
Packet Buffer	512Kbit
Processing Type	Store and Forward

PoE PARAMETERS

Power of PoE	48V, 15.4W
Power of PoE+	48V, 25.5W

STATUS LEDS

Power	POWER
Interface	Link/ACT, Speed (RJ-45 Port)
Optical	Link1/ACT, Link2/ACT

CONNECTORS

Optical	SC or LC (SFP)
Power	Terminal Block
Electrical	8 x RJ-45

OPTICAL PARAMETERS

Fiber Type	SFP Dependent
Wavelength Multimode	SFP Dependent
Wavelength Singlemode	SFP Dependent

ELECTRICAL/MECHANICAL

Input Power, Standalone Units	12-48VDC, 48VDC(PoE)
Input Power, Rack Units	From Rack
Power Consumption	5W
Overload Circuitry	Support
Housing	Aluminum, Fanless
Protection Class	IP40
Dimensions (W×H×D)	7.36 x 6.85 x 1.97in (187 x174 x 50mm)
Weight	23oz /650g
Installation	Standalone / Rack mount

ENVIRONMENTAL

Operating Temp.	14°F to 158°F; -10°C to 70°C
Storage Temp.	-13°F to 212°F; -25°C to 100°C
Relative Humidity	0% to 95% (non-condensing)
MTBF	>100,000 hours

REGULATORY APPROVALS

EMI	FCC Part 15, EN55022 Class A
EMS	IEC61000-4-2, 4.3, 4.4, 4.5
	IEC61000-4.6, 4.8, 4.9, 4.10 4.11
Vibration	IEC60068-2-6
Shock	IEC60068-2-27
Free Fall	IEC60068-2-32
Industrial	IEC61000-6-2, IEC61850-3
Safety	CE/EN60950
Compliance	ROHS

ORDER INFORMATION

MODEL	DESCRIPTION	# FIBER PORT	# COPPER PORT	DISTANCE
AFS6328	8 x 10/100BaseT(X) Ports, 2 x 100M SFP Ports	2	8	See SFP options for optional distances, fiber type and connector type.
AFS6328-PoE	8 x 10/100BaseT(X) Ports PoE, 2 x 100M SFP Ports	2	8 with PoE	
AFS6328-PoE+	8 x 10/100BaseT(X) Ports PoE+, 2 x 100M SFP Ports	2	8 with PoE+	