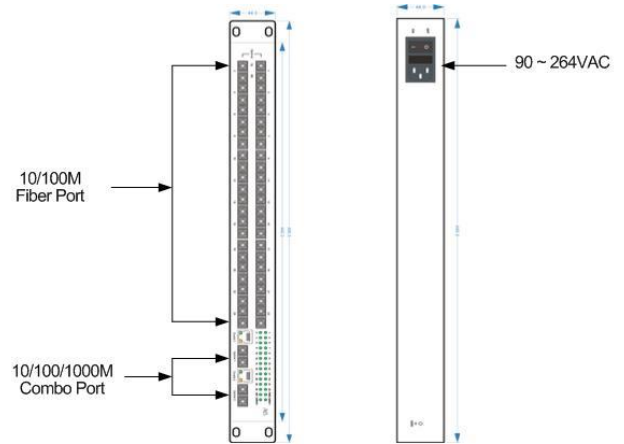


## 24 100M Fiber Ports + 2 Gigabit Combo Ports Ethernet Unmanaged Fiber Switch

### PRODUCT PHOTO



### CONNECTION DIAGRAM

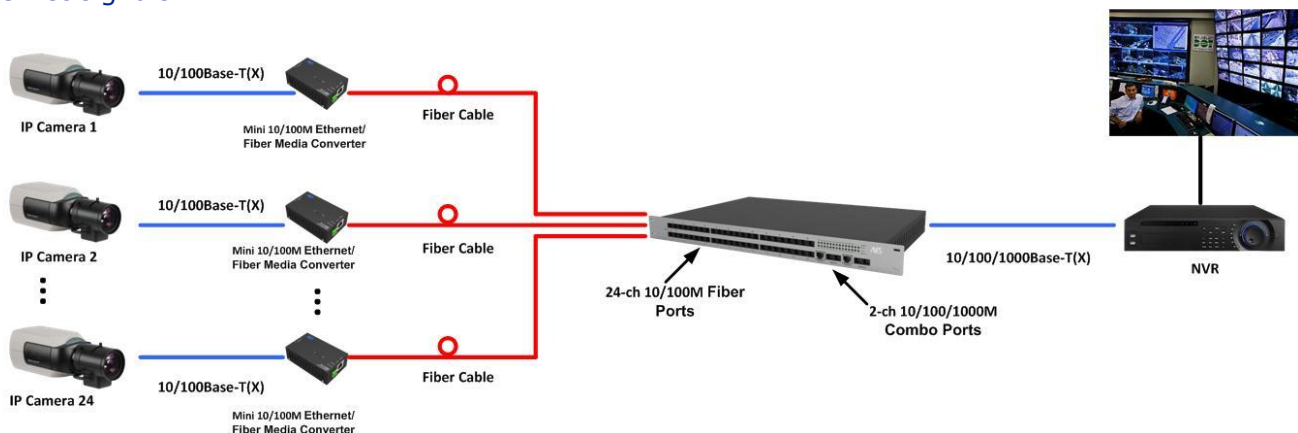


### DESCRIPTION

The ALBA FIBER SYSTEMS Series AFS6526 are Ethernet fiber switches designed to transmit and receive 24 port fiber 100Mbps data over two user selectable combo ports for networking. Available in commercial temperature grade, the combo ports feature half/full duplex mode and auto-negotiation to 10/100/1000Mbps Ethernet rate without adjustments or their fiber ports operating at 1000Mbps rate. Plug-and-play design ensures ease of installation and no user electrical or optical adjustments required. Features included are low power consumption, LED indicators for monitoring equipment link and performance operating status, and auto resettable voltage transient fuses. 90-264VAC input voltage on 1U rackmount. Series AFS6526 are outstanding products for transmission of 10/100/1000Mbps Ethernet signals.

### FEATURES

- 24 x 10/100Mbps Fiber Ports
- 2 x 1000Mbps Combo Ports
- Combo port supports Auto-Negotiation for 10/100/1000Mbps, Full/Half duplex mode
- Fiber 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
- Designed with Lowest Power Consumption
- 90-264VAC Input Voltage
- CE, FCC, ROHS Compliant



## 24 100M Fiber Ports + 2 Gigabit Combo Ports Ethernet Unmanaged Fiber Switch

### DATA

Data Interface	2 x 1000Base Combo; 24 x 100Base-FX
Data Rate	10/100/1000 Mbps (Combo ports) ; 10/100Mbps (100Base-FX ports)

### SWITCH PARAMETERS

MAC Table	4K
Switching Delay	<1 $\mu$ s
Packet Buffer	4Mb
Processing Type	Store and Forward

### STATUS LEDS

Power	Power
Port Interface	Link/ACT, Speed

### CONNECTORS

Optical	SC
Power	American plug

### OPTICAL PARAMETERS

Fiber Type	Singlemode or Multimode
Wavelength Multimode	1310nm
Wavelength Singlemode	1310nm/1550nm

### 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

### ELECTRICAL/MECHANICAL

Input Power, Standalone Units	90-264VAC
Power Consumption	28W@220VAC
Overload Circuitry	Support
Housing	Aluminum, Fan-less
Dimensions (W×H×D)	19.29 x 1.73 x 10.04in (490 x44 x 255mm)
Weight	6.2lbs (2850g)
Installation	Standalone / Rack mount

### REGULATORY APPROVALS

EMI	FCC Part 15, EN55022 Class A
EMS	IEC61000 4.2, 4.3, 4.4, 4.5, 4.6, 4.8, 4.9, 4.10 4.11
Compliance	ROHS

### ORDER INFORMATION

MODEL	DESCRIPTION	FIBER PORT	COMBO PORT	FIBER TYPE	DISTANCE
<b>AFS6526-2C-MM-2SC</b>	24 x 10/100Base FX Ports, 2 x 1000M Combo Ports	24	2	MM	1.25 miles (2Km)
<b>AFS6526-2C-SM-2SC</b>	24 x 10/100Base FX Ports, 2 x 1000M Combo Ports	24	2	SM	12 miles (20 Km)
<b>AFS6526-2C-SM-1BSC</b>	24 x 10/100Base FX Ports, 2 x 1000M Combo Ports	24	2	SM	12 miles (20 Km)

**AFS6526 C=Combo; SM=Single-Mode(20Km), MM=Multimode(2Km); 1=Simplex Fiber, 2=Duplex Fiber; 1A=1310/1550nm, 1B=1550/1310nm**