

# AFS6526-2C-MM-2SC

## Unmanaged Industrial Ethernet Switches

### Product manual

#### 【Detailed List】

Accessories	Quantity	Description
Switch	1	AFS6526
Material	1	Product manual
Power Line	1	Standard Three-prong

#### 【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

#### 【Technical parameters】

Interface	
Combo Interfaces	2 x 10/100/1000Base-T(X); 2 x 1000M SFP
Fiber Interfaces	24 x 100Base FX

Environment	
MTBF	>100,000 hours
Operating Temp.	14°F to 158°
Storage Temp.	-50°C~100°C
Relative Humidity	5~95% (No gel)

Switch Parameters	
Packet Buffer	4Mb
MAC Table	4K
Processing Type	Store and Forward

Transmission Distance	
RJ45 Interface	Reach to 109 yards (CAT5 or CAT5e)
Optical Fiber	1.25 miles(MM) 12.5miles(SM)

Mechanical	
Housing	Aluminum, Fan-less
Installation	Standalone / Rack mount
Weight	6.2lbs
Dimensions	19.29 x 1.73 x 10.04in

ELECTRICAL	
Input Power	90V-264VAC
Power Consumption	28W @ 220VAC
Overload Circuitry	Support
Installation	Built-in Power Supply
Power Terminal	Standard Type D

Optical Parameters	
Fiber Type	Singlemode or Multimode
Wavelength	850nm/1310nm/1490nm/1550nm

#### 【Power Supply】

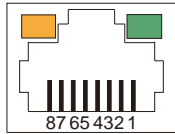
Standard Type D Terminal



## 【Wiring Method】

Copper Cross-over or Copper Straight-through for CAT5/CAT5e

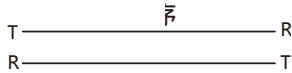
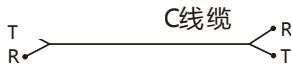
RJ45 Ethernet interface



Pin Definitions

MDI/MDI-X Port Pinouts	
Pin	Signal
1	TRD (0) +
2	TRD (0) -
3	TRD (1) +
4	TRD (2) +
5	TRD (2) -
6	TRD (1) -
7	TRD (3) +
8	TRD (3) -

Optical Fiber



Combo ports Status LEDs		
Speed (Yellow)	on	1000M Status
	off	10/100M Status
Link/ACT(Green)	on	Link-up
	blink	Working
	off	Link-down
Fiber Status LEDs		
Link/ACT	on	Link-up
	blink	Working
	灭	Link-down

## 【Panel shows】

