Datasheet | Switches

Allied Telesyn

AT-FS700 SERIES
Unmanaged Fast Ethernet Switches

AT-FS705L-xx
5-port 10/100TX unmanaged switch with internal power supply

AT-FS705LE-xx
5-port 10/100TX unmanaged switch with external power supply

AT-FS708-xx
8-port 10/100TX unmanaged switch with internal power supply

AT-FS708LE-xx
8-port 10/100TX unmanaged switch with external power supply

AT-FS708L-xx
8-port, small form factor, 10/100TX unmanaged desktop switch with internal power supply

AT-FS716L-xx
16-port 10/100TX unmanaged switch with internal power supply

AT-FS716LE-xx
16-port 10/100TX unmanaged switch with external power supply

AT-FS724L-xx
24-port 10/100TX unmanaged switch with internal power supply

High Performance
Providing powerful 10/100 switching solutions for desktop and small network environments, the Allied Telesyn AT-FS700 series of unmanaged switches features full auto-negotiating 10/100 ports. These ports enable the switches to detect the speed and duplex modes of attached devices, enabling them to automatically configure for the best possible performance.

Flexibility
Available as 5-, 8-, 16-, or 24-port models, the ATFS700 Series meets a multitude of power requirements with both internal and external power-supply options. Also, wall-, desk-, and rack-mounting options give users ultimate flexibility in selecting the model that meets their physical deployment requirements.

Simplified Installation
Fully auto-configuring AT-FS700 Series switches require minimal set-up by the user. Auto-sensing ports enable seamless and simple connectivity between existing 10Mbps Ethernet and 100Mbps Fast Ethernet UTP devices—and all units can be installed in minutes. Every AT-FS700 Series models is equipped with MDI/MDIX ports for simple connection to other hubs and switches. Finally, easy to read front panel LEDs show ongoing switch status and simplify troubleshooting.

Quality & Reliability
Allied Telesyn is a worldwide leader in unmanaged Ethernet switches. Shipping more than 250,000 unmanaged switches each year, Allied Telesyn offers proven reliability and industry recognized quality. Every unmanaged switch is backed with a lifetime limited warranty.

Key Features

- 5 to 24 10/100TX ports

- Wirespeed technology

- Non-blocking architecture

- Auto-negotiation ports

- Auto MDI/MDIX ports

- Transparent to VLAN packets

- Half- & full-duplex flow control

- External or internal power supply option

- Sturdy metal case

- Retainer clip to secure power connection*

- Limited lifetime warranty

* FS708, FS708L, and FS716L

AT-FS700 SERIES | Unmanaged Fast Ethernet Switches

Performance
14,800pps for 10Mbps Ethernet
148,000pps for 100Mbps Fast Ethernet

MAC Addresses
Up to 2K	AT-FS705LE, AT-FS705L
Up to 4K	AT-FS708, AT-FS708LE, AT-FS708L, AT-FS716LE, AT-FS724L
Up to 8K	AT-FS716L

Packet Buffer
128K	(AT-FS705l & AT-FS705LE)
256K	(AT-FS708, AT-FS708LE, AT-FS708L, AT-FS716LE & AT-FS724L)
512K	(AT-FS716L)

Half/Full-Duplex
Auto Negotiation
MDI/MDIX on the last port
AT-FS705LE

Auto MDI/MDI-X on all ports
AT-FS705L, AT-FS708, AT-FS708LE, AT-FS708L, AT-FS716L, & AT-FS724L

Interface Connections
10/100TX RJ-45

Power Characteristics
Frequency	50 to 60Hz
AT-FS705L	100-240vAC
AT-FS705LE	7.5vDC +/- 5%, 1A
AT-FS708	100-240vAC, .4A
AT-FS708LE	9-12vDC, 1A
AT-FS708L	100 – 240VAC
AT-FS716	100-240vAC, .5A
AT-FS716L	100-240vAC, .4A
AT-FS716LE	3.3vDC, 2.6A
AT-FS724L	100-240vAC, .5A

Environmental Specifications
Operating Temp	0°C to 40°C (32°F to 104°F)
Non-operating Temp	-25°C to 70°C (-13°F to 158°F)
Operating Humidity	5% to 80% non-condensing
Storage Humidity	5% to 95% non-condensing

Physical Characteristics
Dimensions:
AT-FS705L	3.6cm x 19.7cm x 11.6cm (1.4" x 7.7" x 4.6")
AT-FS705LE	2.6cm x 10.0cm x 7.9cm (1.0" x 3.9" x 3.1")
AT-FS708	3.6cm x 24.9cm x 11.6cm (1.4" x 9.8" x 4.6")
AT-FS708LE	2.6cm x 14.6cm x 8.2cm (1.0" x 5.8" x 3.3")
AT-FS708L	3.0cm x 16.0cm x 10.1cm (1.18" x 6.30" x 3.98")

Physical Characteristics (continued)
Dimensions:
AT-FS716L	3.6cm x 25.0cm x 11.6cm (1.4" x 9.8" x 4.6")
AT-FS716LE	2.6cm x 26.7cm x 8.9cm (1.0" x 10.5" x 3.5")
AT-FS724L	4.3cm x 29.4cm x 17.4cm (1.69" x 11.57" x 6.85")

Weight:
AT-FS705L	0.6kgs	(1.4lbs)
AT-FS705LE	0.3kgs	(.60lbs)
AT-FS708	0.9kgs	(2.0lbs)
AT-FS708LE	0.4kgs	(.75lbs)
AT-FS708L	0.55kgs	(1.21lbs)
AT-FS716L	0.9kgs	(1.98bs)
AT-FS716LE	0.6kgs	(1.4lbs)
AT-FS724L	1.6kgs	(3.5 lbs)

Wall-mount or Desktop:
AT-FS705L	Wall-mount
AT-FS705LE	Wall-mount
AT-FS708	Wall-mount;19" rack-mount, hardware included
AT-FS708LE	Wall-mount
AT-FS708L	Wall-mount
AT-FS716L	19" rack-mount, hardware included
AT-FS716LE	Wall-mount
AT-FS724L	19" rack-mount, hardware included

Standards & Compliance
IEEE 802.3	10T Ethernet
IEEE 802.3u	100TX Fast Ethernet
IEEE 802.3x	Flow Control

Electrical/Mechanical Approvals
UL 1950
CSA 22.2 No. 950

FCC/EN55022 Class B	AT-FS705L, AT-FS705LE, AT-FS708, AT-FS708LE, AT-FS716L, AT-FS716LE, & AT-FS724L
FCC/EN55022 Class A	AT-FS708L
VCCI Class B	AT-FS705L, AT-FS705LE, AT-FS708, AT-FS708LE, AT-FS716L, AT-FS716LE, & AT-FS724L
VCCI Class A	FS708L

EN60950 (TUV)
EN55024
CE

Ordering Information

AT-FS705L-xx
5-port 10/100TX unmanaged switch with internal power supply

AT-FS705LE-xx
5-port 10/100TX unmanaged switch with external power supply

AT-FS708-xx
8-port 10/100TX unmanaged switch with internal power supply

AT-FS708LE-xx
8-port 10/100TX unmanaged switch with external power supply

AT-FS708L-xx
8-port, small-form factor, 10/100TX unmanaged desktop switch with internal power supply

AT-FS716L-xx
16-port 10/100TX unmanaged switch with internal power supply

AT-FS716LE-xx
16-port 10/100TX unmanaged switch with external power supply

AT-FS724L-xx
24-port 10/100TX unmanaged switch with internal power supply

Where xx	
	= 10 for U.S. power cord
	= 20 for no power cord
	= 30 for U.K. power cord
	= 40 for Australia power cord
	= 50 for Europe power cord

Connecting The (IP) World

Allied Telesyn