

## AT-FS700 Series, Unmanaged Fast Ethernet Switches

**AT-FS705**, 5 port 10/100TX unmanaged switch  
**AT-FS708**, 8 port 10/100TX unmanaged switch  
**AT-FS716**, 16 port 10/100TX unmanaged switch  
**AT-FS716LE**, 16 port 10/100TX unmanaged switch  
**AT-FS724i**, 24 port 10/100TX unmanaged switch  
**AT-FS724L**, 24 port 10/100TX unmanaged switch

### 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**

**Limited lifetime warranty**

### PERFORMANCE

The Allied Telesyn AT-FS700 series of unmanaged switches provides powerful 10/100 switching solutions to desktop and small network environments. Each switch features full auto-negotiating 10/100 ports which automatically detect speed and duplex modes of attached devices, allowing the switch to automatically configure for the best possible performance.

### FLEXIBILITY

Choose from 5, 8, 16, or 24 port models. With both internal or external power supplies, the AT-FS700 series can meet a multitude of power requirements. Wall, desk, and rack mounting options give users ultimate flexibility in choosing a model to meet their physical deployment requirements.

### SIMPLE INSTALLATION

The AT-FS700 series switches are fully auto-configuring requiring minimal or no set-up by the user. The auto-sensing ports allow seamless and simple connectivity between existing 10Mbps Ethernet and 100Mbps Fast Ethernet UTP devices, and all units can be installed in minutes. All models are equipped with a MDI/MDIX port(s) for simple connection to other hubs and switches. Front panel LEDs allow users to monitor the switch status providing simple "at a glance" management.

### QUALITY & RELIABILITY

Allied Telesyn is a worldwide leader in unmanaged Ethernet switches. With over 250,000 unmanaged switches shipped each year, Allied Telesyn offers proven reliability and industry recognized quality. Each unmanaged switch is backed with a lifetime limited warranty.

### ABOUT ALLIED TELESYN

Allied Telesyn leads the world in network technologies for the access edge. Since the company's inception in 1987, Allied Telesyn has been developing IP-based network products for use in video, voice and data networks at the metro edge, in education, government agencies and across the enterprise. Allied Telesyn's access, aggregation and core transport technologies range from simple Ethernet adapters, hubs and media converters to robust multi-layer Gigabit Ethernet switches and routers, wireless systems, DTM and WDM transport solutions for delivering real-time voice, video and data. Allied Telesyn's comprehensive support and professional service programs are suited to meet the growing demands of today's switched broadband infrastructures.

### SERVICE & SUPPORT

Allied Telesyn provides value-added support services for its customers under its Net.Cover<sup>SM</sup> programs. For more information on Net.Cover<sup>SM</sup> support programs available in your area, contact your Allied Telesyn sales representative or visit our website.

[www.alliedtelesyn.com](http://www.alliedtelesyn.com)



# 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-FS716, AT-FS716E, AT-FS716LE, AT-FS724i, AT-FS724L

Packet Buffer 256K

Half/Full Duplex

Auto Negotiation

MDI/MDIX on the last port AT-FS705LE, AT-FS708LE

Auto MDI/MDI-X on all ports AT-FS705L, AT-FS708, AT-FS716, AT-FS716E, AT-FS724i, 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-FS716	100-240vAC, .5A
AT-FS716E	5vDC +/- 5%, 1.6A
AT-FS716LE	3.3vDC, 2.6A
AT-FS724i	100-240vAC, .5A
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

AT-FS705L	3.6cm (1.4") x 19.7cm (7.7") x 11.6cm (4.6")
AT-FS705LE	2.6cm (1.0") x 10.0cm (3.9") x 7.9cm (3.1")
AT-FS708	3.6cm (1.4") x 24.9cm (9.8") x 11.6cm (4.6")
AT-FS708LE	2.6cm (1.0") x 14.6cm (5.8") x 8.2cm (3.3")
AT-FS716	4.4cm (1.7") x 33.0cm (13.0") x 20.3cm (8.0")
AT-FS716E	4.4cm (1.7") x 33.0cm (13.0") x 20.3cm (8.0")
AT-FS716LE	2.6cm (1.0") x 26.7cm (10.5") x 8.9cm (3.5")
T-FS724i	4.1cm (1.6") x 44.0cm (17.3") x 17.4cm (6.85")
T-FS724L	4.3cm (1.69") x 29.4cm (11.57") x 17.4cm (6.85")

AT-FS705L	.6kgs (1.4lbs)
AT-FS705LE	.3kgs (.60lbs)
AT-FS708	.9kgs (2.0lbs)
AT-FS708LE	.4kgs (.75lbs)
AT-FS716	1.8kgs (4.0lbs)
AT-FS716E	2.0kgs (4.4lbs)
AT-FS716LE	.6kgs (1.4lbs)
AT-FS724i	2.5kgs (5.5lbs)
AT-FS724L	2.5kgs (5.5lbs)

AT-FS705L	Wallmount
AT-FS705LE	Wallmount
AT-FS708	Wallmount; 19" rack mount, hardware included
AT-FS708LE	Wallmount
AT-FS716	19" rackmount, hardware included
AT-FS716E	19" rackmount, hardware included
AT-FS716LE	Wallmount
AT-FS724i	19" rackmount, hardware included
AT-FS724L	19" rackmount, 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 A AT-FS716E

FCC/EN55022 Class B AT-FS705L, AT-FS705LE, AT-FS708, AT-FS708LE, AT-FS716, AT-FS716LE, AT-FS724i & AT-FS724L

VCCI Class A AT-FS716E

VCCI Class B AT-FS705L, AT-FS705LE, AT-FS708, AT-FS708LE, AT-FS716, AT-FS716LE, AT-FS724i & AT-FS724L

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-FS716-xx

16 port 10/100TX unmanaged switch with internal power supply

### AT-FS716E-xx

16 port 10/100TX unmanaged switch with external power supply

### AT-FS716LE-xx

16 port 10/100TX unmanaged switch with external power supply

### AT-FS724i-xx

24 port 10/100TX unmanaged switch with internal 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

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