

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 (1.98lbs)
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

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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

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