



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-FS705I & 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

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

USA Headquarters | 19800 North Creek Parkway | Suite 200 | Bothell | WA 98011 | USA | T: +1 800 424 4284 | F: +1 425 481 3895

European Headquarters | Via Motta 24 | 6830 Chiasso | Switzerland | T: +41 91 69769.00 | F: +41 91 69769.11

Asia-Pacific Headquarters | 11 Tai Seng Link | Singapore | 534182 | T: +65 6383 3832 | F: +65 6383 3830

www.alliedtelesyn.com

© 2005 Allied Telesyn Inc. All rights reserved. Information in this document is subject to change without notice. All company names, logos, and product designs that are trademarks or registered trademarks are the property of their respective owners. 617-00463-00 Rev.K