

AT-FS700FC SERIES

Unmanaged 10/100Mbps Fast Ethernet Switches with 100FX Uplink



AT-FS709FC-xx

8-port 10/100TX unmanaged switch plus Single port 100FX with internal power supply

AT-FS717FC/ST-xx

16-port unmanaged Fast Ethernet switch with one 100FX (ST) fiber uplink

AT-FS717FC/SC-xx

16-port unmanaged Fast Ethernet switch with one 100FX (SC) fiber uplink

High Performance

Providing powerful 10/100 switching solutions with 100FX backbone connectivity to desktop and small network environments, Allied Telesyn's AT-FS700FC series switches enable customers to expand their fiber and copper networks as they grow. The very affordable switches are plug-and-play and feature auto-negotiating 10/100 ports automatically detect speed and duplex modes of attached devices, enabling the switch to automatically configure for the best possible performance.

The high-speed, auto-sensing, 10/100Mbps ports of the FS700FC series are speed auto-negotiating and feature a full/half duplex automatic configuration. Auto MDI/ MDI-X on every 10/100TX port allows more flexibility by enabling network administrators to cascade the switches. Built using advanced technology solutions, AT-FS700FC switches ensure non-blocking wirespeed filtering and forwarding of traffic, providing even more performance.

Flexibility

The AT-FS709FC and the AT-FS717FC are both rack-mountable. And every AT-FS700FC series switch provides an additional fiber optic interface port to allow deployment up to 2km from other network connections.

Simplified Installation

The AT-FS700FC series switches are fully auto-configuring requiring minimal set-up by the user and all units can be installed in minutes. The auto-sensing ports allow seamless and simple connectivity between existing 10Mbps Ethernet and 100Mbps Fast Ethernet UTP devices. 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

- 10/100Mbps auto-negotiation
- Single 100FX fiber backbone port
- Flow control support
- Half & full-duplex operation
- Auto MDI/MDI-X
- Plug & Play for fast, easy installation
- Store & forward switching mode
- Supports 4K MAC Address
- Transparent to VLAN packets
- Rack-mountable

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Status Indicators

System Global LED:		
Power	Green ON	Power Up
Per Port LED:		
Link/Activity	Green ON	Link Connection
	Flashing	Receive Activity
100Mbps	Green ON	100 Mbps Mode
FDX	Green ON	Full Duplex Mode

Performance

Non-blocking
Wirespeed
802.3x Flow Control
Full auto-negotiation on 10/100 ports
14,800pps for 10Mbps Ethernet,
148,000pps for 100Mbps Fast Ethernet
99.9% throughput

MAC Addresses Up to 4K

Packet Buffer 256K

Half/Full Duplex
MDI/MDIX last port FS709FC
MDI/MDIX on all port FS717FC

Interface Connections
10/100TX RJ45
100FX SC or ST

Environmental Specifications

Operating Temperature 0°C to 40°C
Storage Temperature -20°C to 60°C
Operating Humidity 80% non-condensing
Storage Humidity 95% non-condensing

Physical Characteristics

Dimensions:
AT-FS709FC 33cm x 20.3cm x 4.45cm
(13" x 8" x 1.75")
AT-FS717FC 29.5cm x 11.5cm x 4cm
(11.6" x 4.7" x 1.6")

Weight:
AT-FS709FC 2.0kgs (4.0lbs)
AT-FS717FC 931g (2.05lbs)

Wall-mount or Desktop:
AT-FS709FC, AT-FS717FC/ST & AT-FS717FC/SC

Standards & Compliance

IEEE 802.3 10T Ethernet
IEEE 802.3u 100TX and 100FX Fast Ethernet
IEEE 802.3x Flow Control
IEEE 802.1W 2001 802.1D maintenance
IEEE 802.1T 2001 RSTP
Switch ASIC BCM5317

Electrical/Mechanical Approvals

FCC Class A, EN55022
CE Mark, Commercial
UL and CSA listed
VCCI Class A
EN60950 (TUV)
EN55024

Ordering Information

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

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