



## AT-FS705EFC

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

#### AT-FS705EFC-xx

4 port 10/100TX unmanaged switch plus single port 100FX with external universal power adapter

#### High Performance

Providing powerful 10/100 switching solutions with 100FX backbone connectivity to desktop and small network environments, Allied Telesis' 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, FS700FC series switches ensure non-blocking wirespeed filtering and forwarding of traffic, providing even more performance.

#### Flexibility

The AT-FS705EFC is wall-mountable, and provides an additional fiber optic interface port to allow deployment up to 2km from other network connections.

#### Simplified Installation

The AT-FS705EFC switch is fully auto-configuring requiring minimal set-up by the user and 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 shows ongoing switch status and simplify troubleshooting.

#### Quality and Reliability

Allied Telesis is a worldwide leader in unmanaged Ethernet switches. Shipping more than 250,000 unmanaged switches each year, Allied Telesis offers proven reliability and industry recognized quality.

#### Key Features

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

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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      100Mbps mode  
FDX      Green ON      Full-duplex mode

## Performance

Non-blocking

Wirespeed

IEEE 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/MDI-X last port

### Interface connections

10/100TX      RJ-45  
100FX      SC

## 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

## Technical Specification

### Physical Characteristics

Dimensions      17.9cm x 9.8cm x 1.7cm  
(7" x 3.9" x 0.7")

Weight      0.36kgs (0.8lbs)

### Wall mount or Desktop

Units come with wall-mount brackets

## Standards and Compliance

IEEE 802.3      10T Ethernet  
IEEE 802.3u      100TX and 100FX Fast Ethernet  
IEEE 802.3x      Flow control  
IEEE 802.1W      2001 IEEE 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

### AT-FS705EFC-60

4 port 10/100TX unmanaged switch plus single port 100FX with external universal power adapter

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