



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

AT-FS705EFC | Unmanaged 10/100Mbps Fast Ethernet Switches with 100FX Uplink

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

USA Headquarters | 19800 North Creek Parkway | Suite 100 | 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.alliedtelesis.com

© 2011 Allied Telesis 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. 617-000164 Rev. E