

AT-FS709FC

Unmanaged Fast Ethernet Switch



The Allied Telesis FS709FC is an unmanaged 10/100Mbps fast Ethernet switch with 100FX uplink capabilities.

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 that automatically detect speed and duplex modes of attached devices, enabling the switches 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 is rack-mountable, and provides an additional fiber optic interface port to allow deployment up to 2km from other network connections.

Simplified Installation

The AT-FS709FC 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 show 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
- ▶ Rack-mountable

Specifications

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	
IEEE 802.3x flow control	
Full auto-negotiation on 10/100 ports	
14,800pps for 10Mbps Ethernet,	
148,000pps for 100Mbps Fast Ethernet	
Throughput	99.9%
MAC addresses	Up to 4K
Packet buffer	256K
Half/full-duplex	
MDI/MDI-X last port	FS709FC

Interface Connections

10/100TX	RJ-45
100FX	SC

Environmental Specifications

Operating temp.	0°C to 40°C (32°F to 104°F)
Non-operating temp.	-20°C to 60°C (-4°F to 140°F)
Operating humidity	80% non-condensing
Storage humidity	95% non-condensing

Physical Characteristics

Dimensions	22 cm x 12 cm x 3.6 cm (8.6 in x 4.7 in x 1.4 in)
Weight	2.0 kg (4.0 lb)

Wall-mount or Desktop

All units come with Wall and 19" Rack 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 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-FS709FC-xx

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

Where xx = 10 for US power adapter
 20 for no power adapter
 30 for UK power adapter
 40 for Australian power adapter
 50 for European power adapter