Allied Telesis™

CentreCOM® FS710 Series

Unmanaged Fast Ethernet Switches

The Allied Telesis FS710 Series is the economical and eco-friendly solution for today's networks, providing an extensive range of cost-effective options.

eco friendly

Overview

The FS710 Series switches provide silent operation, with easy set-up and simple connectivity for desktop and small to medium network environments.

High performance

Full auto-negotiating 10/100 ports allow FS710 switches to detect the speed and duplex modes of attached devices, and automatically configure for the best possible performance.

Quality and reliability

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

Flexibility

Available in 5, 8, 16 and 24-port models, the FS710 Series provide both internal and external power supply options. Wall, desk and rack-mounting options give users ultimate flexibility in selecting the model that meets their specific physical deployment requirements.

Fanless for silent operation

The FS710 Series are fanless and run silently, making them ideal for the desktop or workspace. Deploy in dusty industrial environments without affecting the expected lifetime.

Simplified installation

Auto-configuration of the FS710 Series minimizes user set-up. Auto-sensing ports enable seamless and simple connectivity between existing 10Mbps Ethernet and 100Mbps Fast Ethernet UTP devices, so installation takes just minutes. All ports support MDI/MDI-X simple connection to other hubs and switches.

Environmentally friendly

FS710 Series eco-friendly switches conform to the Allied Telesis commitment to environmentally-friendly processes and products. They are designed to minimize power consumption through the use of a high-efficiency power supply and a low-power chipset.

With low power consumption and a reduction in power outside regular

Key Features

- Fanless—silent operation
- Power saving mode
- EAPOL/BPDU forwarding
- Flow control
- Jumbo frames

work hours, as well as other power-saving features included as standard, the Allied Telesis FS710 Series truly lives up to its eco-friendly reputation.

Not only does this help the planet by reducing the carbon footprint of each switch, it also lowers the Total Cost of Ownership (TCO) for the user. The device costs less to run, and features improved reliability.

Physical Specifications

PRODUCT	WIDTH X DEPTH X HEIGHT	WEIGHT	MOUNTING	SWITCHING CAPACITY	THROUGHPUT	MAC ADDRESS	MAX POWER CONSUMPTION
FS710/5	131 x 101 x 30 mm (5.16 x 3.98 x 1.81 in)	400 g	Desktop/Wall	1Gbps	0.74 Mpps	2K	1.8W
FS710/5E	131 x 101 x 30 mm (5.16 x 3.98 x 1.81 in)	380 g	Desktop/Wall	1Gbps	0.74 Mpps	2K	1.7W
FS710/8	196 x 124 x 38 mm (7.72 x 4.88 x 1.50 in)	710 g	Desktop Rack with RKMT-J08 Wall with BRKT-J23	1.6Gbps	1.19 Mpps	2K	2.5W
FS710/8E	196 x 124 x 38 mm (7.72 x 4.88 x 1.50 in)	690 g	Desktop Rack with RKMT-J08 Wall with BRKT-J23	1.6Gbps	1.19 Mpps	2K	2.4W
FS710/16	210 x 124 x 44 mm (8.272 x 2.88 x 1.73 in)	870 g	Desktop/Rack Wall with BRKT-J22	3.2Gbps	2.38 Mpps	8K	5.4W
FS710/16E	210 x 124 x 44 mm (8.272 x 2.88 x 1.73 in)	820 g	Desktop/Rack Wall with BRKT-J22	3.2Gbps	2.38 Mpps	8K	4.5W
FS710/24	305 x 180 x 44 mm (12.00 x 7.09 x 1.73 in)	1.6 kg	Desktop/Rack Wall with BRKT-J22	4.8Gbps	3.57 Mpps	8K	5.3W

Performance
14,880pps for 10Mbps Ethernet

148,800pps for 100Mbps Ethernet

Default aging time: 200 seconds (8-port models)

Default aging time: 300 seconds (all other models)

Supports 2Kbytes jumbo frames

Packet buffer:
5-port, 8-port – 96Kbytes
16-port, 24-port – 256Kbytes

Support functions
EAP/BPDU passthrough

Half/full-duplex

Auto-negotiation

Auto MDI/MDI-X

Flow control

Back pressure

Power saving mode

Jumbo frame

Interface connections
10/100TX RJ-45

Environmental Specifications
Operating temperature range:
0°C to 50°C (32°F to 122°F)

Storage temperature range:
-25°C to 70°C (-13°F to 158°F)

Operating relative humidity range:
5% to 90% non-condensing

Storage relative humidity range:
5% to 95% non-condensing

Operating altitude:
2,000 meters maximum (6,562ft)

Power characteristics
Voltage: 100 - 240V AC

Frequency: 50 - 60HZ

Standards and compliance
IEEE 802.3 10BASE-T

IEEE 802.3u 100BASE-TX

IEEE 802.3x Flow Control

Energy Efficient Ethernet 802.3az

Electrical/mechanical approvals EAC certification
5-port and 8-port models

FCC part15 Subpart B / Class B

VCCI Class B

FCC Class B

EN55032 Class A

CISPR 32 Class B

RCM Class B

16-port and 24-port models

FCC part15 Subpart B / Class A

VCCI Class A

FCC Class A

EN55032 Class A

CISPR 32 Class A

RCM Class A

Safety
UL60950-1

CSA C22.2 No.60950-1

EN60950-1(TUV)

CE

Restrictions on Hazardous Substances(RoHS) compliance
EU RoHS compliant

Wall-mount or desktop
FS710/5, 5E, 8, 8E: TBD

FS710/16, 16E, 24: TBD

Ordering Information

AT-FS710/5-xx
5-port 10/100TX unmanaged switch with internal PSU

AT-FS710/5E-xx
5-port 10/100TX unmanaged switch with external PSU

AT-FS710/8-xx
8-port 10/100TX unmanaged switch with internal PSU

AT-FS710/8E-xx
8-port 10/100TX unmanaged switch with external PSU

AT-FS710/16-xx*
16-port 10/100TX unmanaged switch with internal PSU

AT-FS710/16E-xx*
16-port 10/100TX unmanaged switch with external PSU

AT-FS710/24-xx*
24-port 10/100TX unmanaged switch with internal PSU

AT-BRKT-J22
Wall mount kit for FS710/16, 16E, 24

AT-BRKT-J23
Wall mount kit for FS710/8, 8E

AT-RKMT-J08
Rack mount kit for FS710/8, 8E

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

* Rack mount kit is included