

AT-FH708SW

10/100 8 Port Unmanaged Hub with Switch Module

AT-FH716SW

10/100 16 Port Unmanaged Hub with Switch Module

AT-FH716

10/100 16 Port Unmanaged Hub

AT-FH712SW

10/100 12 Port Unmanaged Hub with Switch Module

AT-FH724SW

10/100 24 Port Unmanaged Hub with Switch Module



Fast Ethernet

10/100 Dual Speed Hubs

Easy Integration

The AT-FH700 Series of stackable hubs provide a simple solution for connecting 10Mbps and 100Mbps users. By continually sensing the maximum transmission speed, the AT-FH700 hubs deliver a tenfold performance improvement when and where it is needed. This capability offers versatile strategy for network managers, making NIC and cabling upgrades similar and less costly, yet fully protecting earlier network investments.

Plug and Play

All AT-FH700 Series hubs are fully auto-sensing requiring no configuration. Simply plug in your 10Mbps and 100Mbps devices and the hub will automatically configure to run at the fastest speed. SW modules have internal switching for full 10/100 connectivity. All AT-FH700 models feature an additional MDI/MDIX uplink port, shared with station port 16x and 8x, to connect to an external 10/100Mbps switch without the need for a special cross-over cable.

Scalable

Up to 5 AT-FH700 series hubs can be stacked to provide up to 120 ports. The AT-FH716 can be used for low cost expansion. A single SW unit can provide switching for up to four 716 units.

Quality and reliability

Allied Telesyn is the worldwide leader in unmanaged Ethernet devices and offers proven reliability, industry recognised quality and our unique free support.

Feature Summary	AT-FH708SW	AT-FH712SW	AT-FH716	AT-FH716SW	AT-FH724SW
10/100 UTP Ports	8	12	16	16	24
Integrated 10/100 Switch	Yes	Yes	No	Yes	Yes
MDI/MDIX Switch	Yes	Yes	Yes	Yes	Yes
Stackable	Yes	Yes	Yes	Yes	Yes

Status Indicators

Front Panel Central:

Power Green indicates power is on

Front Panel Per Segment:

Collision Amber indicates there is a collision detected within the segment

Activity Green indicates packets forwarded through the switch module

Front Panel Per Port:

Link/Speed Off indicates no link on the port

Steady green indicates 100 Mbps link established

Steady amber indicates 10 Mbps link established

Partition Flashing amber indicates that the port is partitioned

Twisted Pair Ports

Station Ports	8, 12, 16 and 24 MDI-X ports with shielded RJ45 connectors
Uplink Ports	One MDI/MDIX uplink port (RJ45), shared with station ports 16x and 8x respectively
Media Supported	Category 5 UTP or Category 5 STP Category 3 UTP (10 Mbps only)
IEEE Compliance	802.3 10Base-T Ethernet and 802.3u 100Base-TX Fast Ethernet (IEEE standard Class II repeater)

Inter-Repeater bus

Allied Telesyn 10 Mbps and 100 Mbps combined LAN bus is used in conjunction with a stacking connector (included with hub). Units connected over the bus act as one repeater. Bus supports stacking up to six units high.

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Switch Module

(SW Models only)

Operating Mode	Store and Forward
MAC Address Table	4 K maximum addresses, self-learning
Packet Buffers	1 MByte
Performance	
Filtering Rate	148,810 frames/sec
Forwarding Rate	14,880 frames/sec
Latency	55.5 µs (10 Mbps to 100 Mbps) 16.2 µs (100 Mbps to 10 Mbps)

Power Characteristics

Voltage	100 to 240 VAC, 50/60 Hz
Power Consumption	18W

Physical Characteristics

Dimensions	29.70 cm x 19.80 cm x 4.47 cm (11.7" x 7.8" x 1.7")
Shipping Weight	
AT-FH708SW	1.65 kg (3.63 lb 58 oz)
AT-FH716	1.68 kg (3.72 lb 59 oz)
AT-FH716SW	1.72 kg (3.81 lb 61 oz)
Temperature	
Operating	0° to 50° C
Storage	-30° to 60° C
Relative Humidity	5% to 95% non-condensing

Electrical/Mechanical Approvals

EMI	FCC Class A, EN55022 Class A
	VCCI Class 1
Safety	UL, CSA, TUV-GS
CE	Approved

Product Range

Allied Telesyn provides the full range of networking devices from cards, hubs or switches for both 10 and 100Mbps in either copper or fibre media.



617-00294-05

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