Electrical Safety
IMPORTANT: When you see the 🕮, go to the “Translated Safety Information Booklet” for the translated safety statement in your language.
Elektrische Sicherheit
WICHTIG: Wenn Sie 🕮 sehen, schlagen Sie in der „Broschüre mit übersetzten Sicherheitsinformationen “ den übersetzten Sicherheitshinweis in Ihrer Sprache nach. (German)
Elektrisk sikkerhed
VIGTIGT: Når De ser symbolet 🕮, skal De slå op i "Brochure med oversatte sikkerhedsadvarsler" for at finde de oversatte sikkerhedsadvarsler i Deres eget sprog. (Danish)
Elektrische veiligheid
BELANRIJK: Wanneer u het 🕮 ziet, raadpleeg het “Boekje met vertaalde veiligheidsinformatie” voor de vertaalde veiligheidsopmerking in uw eigen taal. (Dutch)
Sécurité électrique
IMPORTANT: Lorsque vous voyez le symbole 🕮, reportez-vous à la section « Livret des traductions des informations de sécurité » pour consulter la traduction de ces instructions dans votre langue. (French)
Sähköturvallisuus
TÄRKEÄÄ: Kun näet 🕮-symbolin, katso omalle kielellesi käännettyä turvaohjetta “Käännetyt turvaohjeet -vihkosesta“. (Finnish)
Sicurezza elettrica
IMPORTANTE: il simbolo 🕮, indica di consultare l'“Opuscolo delle informazioni sulla sicurezza tradotto” per gli avvisi di sicurezza tradotti nella propria lingua. (Italian)
Elektrisk sikkerhet
VIKTIG: Når du ser 🕮, går du til heftet “Oversatt sikkerhetsinformasjon” for å finne den oversatte sikkerhetsinformasjonen på ønsket språk. (Norwegian)
Segurança Eléctrica
IMPORTANTE: Quando vir o símbolo 🕮, consulte a “Folheto de Informação de Segurança Traduzido” para ler a tradução da advertência de segurança no seu idioma. (Portuguese)
Seguridad eléctrica
IMPORTANTE: Cuando vea el símbolo 🕮, vaya al “Libreto de información de seguridad traducida” para ver el mensaje de seguridad traducido a su idioma. (Spanish)
Elsäkerhet
OBS! När du ser 🕮, skall du gå till “Broschyr innehållande översatt säkerhetsinformation” för att läsa det översatta säkerhetsmeddelandet på ditt språk. (Swedish)

STANDARDS: This product meets the following standards
RADIATED ENERGY
U.S. Federal Communications Commission
This equipment has been tested and found to comply with the limits for a Class A digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with this instruction guide, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.
Note: Modifications or changes not expressly approved of by the manufacturer or the FCC, can void your right to operate this equipment.
Industry Canada
This Class A digital equipment meets all requirements of the Canadian Interference-Causing Equipment Regulations.
Cet appareil numérique de la classe A respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.
RFI Emission EN55022 Class A 🕮 **1**

Warning
In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures. 🕮 **2**

Immunity EN50082-1 🕮 **3**
ELECTRICAL SAFETY TUV-EN60950, UL1950, CSA 950 🕮 **4**

Laser EN60825 🕮 **5**
Class 1 Laser product. 🕮 **6**

At time of installation the Fiber Optic Lasers comply with FDA Radiation Performance Standard 21CFR Subchapter J, applicable at date of manufacture.

Warning Do not stare into the Laser beam. 🕮 **7**

ELECTRICAL NOTICES

Warning
ELECTRICAL SHOCK HAZARD To prevent ELECTRIC shock, do not remove cover. No user-serviceable parts inside. This unit contains HAZARDOUS VOLTAGES and should only be opened by a trained and qualified technician. To avoid the possibility of ELECTRIC SHOCK, disconnect electric power to the product before connecting or disconnecting the LAN cables. 🕮 **8**

LIGHTNING DANGER
DANGER: DO NOT WORK on equipment or CABLES during periods of LIGHTNING ACTIVITY. 🕮 **9**
ELECTRICAL-TYPE CLASS 1 EQUIPMENT
This equipment must be earthed. Power plug must be connected to a properly wired earth ground socket outlet. An improperly wired socket outlet could place hazardous voltages on accessible metal parts. 🕮 **11**

ELECTRICAL CORD NOTICE
Use power cord, maximum 4.5 meters long, rated 6 amp minimum, 250V, made of <HAR> cordage molded IEC 320 connector on one end and on the other end a plug approved by the country of end use. 🕮 **12**

OPERATING TEMPERATURE
Operating temperature is 0° C - 40° C. 🕮 **14**

POWER REQUIREMENT
100-120/200-240VAC ~ 50/60Hz, 1.0/0.5A

ALL COUNTRIES
Install product in accordance with local and National Electrical Codes. 🕮 **15**

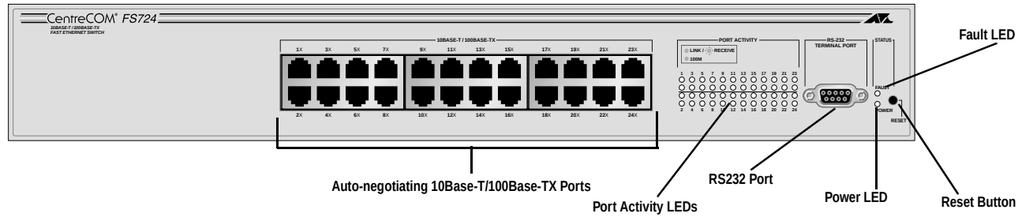
Verifying Package Contents

Make sure your package contains the following items:

- One AT-FS718 or AT-FS724 switch
- This Quick Install Guide
- Translated Safety Information Booklet
- 2 mounting brackets
- 6 flathead Phillips screws
- Power cord (Americas, EC, and UK only)

Switch Overview

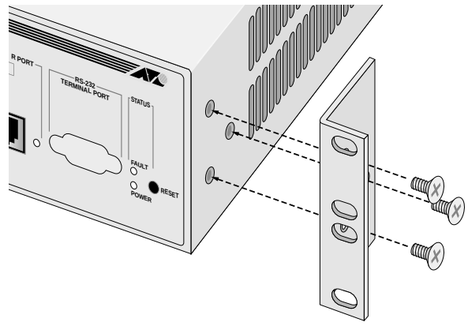
The switches described in this guide are standalone, unmanaged Fast Ethernet switches for desktop and workgroup applications. They implement direct high-speed server and backbone connections and connectivity between the 10 Mbps and 100 Mbps segments. Full-duplex operation on each 10Base-T/100Base-TX port provides up to 200 Mbps of bandwidth per port to end stations, servers, routers, and other switches.



Installing the Switch

Caution
Air vents must not be blocked and must have free access to the room ambient air for cooling. 🕮 **13**

1. If desk-mounting the unit, make sure that the switch is placed on a level, secure desktop. Now skip to Step 6.
2. If rack-mounting the unit, remove all cables and power cord from the switch (if previously attached).
3. Remove the snap-on plastic feet.
4. Attach the rack-mounting brackets to each side of the switch, using the 6 flathead screws provided, as shown below.



5. Mount the switch in the rack.
6. Apply power to the unit as follows:

Caution
The power cord is used as a disconnect device. To de-energize equipment, disconnect the power cord. 🕮 **10**

Attach the power cord to the unit and plug it in the power source. Verify that the POWER LED lights green.

7. Attach the data cables. Verify that the LINK/RECEIVE LEDs light green (see LED table).

Table 1 Switch LEDs

LED	Color	State	Description
POWER (system)	Green	On	The switch is receiving power, voltage is within the acceptable range, and the power supply is working.
		Off	No power.
FAULT (system)	Red	On	The switch is malfunctioning.
		Flashing	The switch is booting, running diagnostics, writing image to FLASH, transferring files via XMODEM.
		Off	Normal operation.
LINK / RECEIVE (port, top row)	Green	On	There is a physical link with a device.
		Flashing	The port is receiving packets.
		Off	No link.
100 M (port, bottom row)	Amber	On	The port is operating at 100 Mbps, or manually configured to 100Base-TX.
		Off	The port is operating at 10 Mbps.

For troubleshooting techniques, see Chapter 3, Troubleshooting in the AT-FS718 and AT-FS724 Installation Guide at www.alliedtelesyn.com.

The switch is now operational using the default port configuration.

Setting Up Your Terminal for Port Configuration or Diagnostics

1. Use a straight-through serial cable to connect your terminal to the RS232 connector on the switch’s front panel.
2. Access your terminal’s emulator program and use the following terminal settings: VT100 emulation, 8 data bits, no parity, 1 stop bit, 9600 baud.
3. Press Return.

You are now ready to configure the switch ports, run diagnostics or download updated software using an XMODEM. For details, refer to Chapter 2 in the AT-FS718 and AT-FS724 Installation Guide located at www.alliedtelesyn.com.

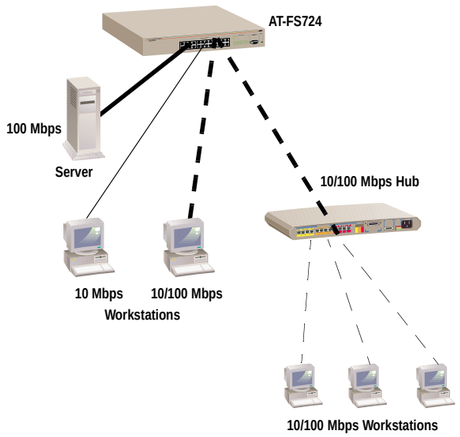
Table 2 Switch Defaults (Port Configuration)

Settings	Default
Port Status	Enabled
Link	Offline until there is a valid physical link
Transmit Mode	Auto-negotiating
Switching Mode	Store-and-forward
Port Name	None assigned

Workgroup Switch Configuration

The sample configuration below shows a switch used for a group of heavy-traffic users in a large corporate network. In this example, the switch is brought to the desktop with a 10 Mbps multi-port hub. The switch provides high-speed access to a 100 Mbps server connected to another port. The switch's auto-negotiation feature allows communications between devices of varying speeds without further configuration on the switch.

When connecting devices that communicate at fixed speeds of 10 Mbps or 100 Mbps, set the switch's port to match the device's fixed speed and duplex mode. You may do this using direct connection to the switch RS232 connector and the Port Status and Configuration menu. See the AT-FS718 and AT-FS724 Installation Guide for details.



Legend

Shared 10/100 Mbps link
Dedicated 10 Mbps link
Dedicated 100 Mbps link
10/100 Mbps link

Where To Find Allied Telesyn and Technical Publications

Location	Phone/Fax
Americas U.S.A., Canada, Mexico, Central America, South America	1 (800) 428-4835 1 (918)628- 3222
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Technical Bulletin Board	1-425-483-7979
Technical Support E-mail Address	TS1@alliedtelesyn.com
CompuServe	Go ALLIED
Internet, World Wide Web and FTP site	http://www.alliedtelesyn.com

Visit our technical publications website at: www.alliedtelesyn.com

Related Guides	Web	Print
AT-FS718 and AT-FS724 Installation Guide, 613-10774-00	✔	
AT-FS718 and AT-FS724 Quick Install Guide, 613-10775-00 (shipped with product)		✔
AT-FS718 and AT-FS724 Translated Safety Information Booklet, 613-10776-00 (shipped with product)		✔
AT-A10 and AT-A11 Quick Install Guide, 613-10742-00 (shipped with product)		✔

Ethernet Fast Ethernet Fiber

*Centre*COM®

AT-FS718
AT-FS724
Fast Ethernet Switches

QUICK INSTALL GUIDE

PN 613-10775-00 Rev A

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