



# AT-FS705PD

## Unmanaged Fast Ethernet Switch Powered Device

### AT-FS705PD-20

5-port 10/100TX unmanaged switch powered device

### Performance

By receiving both data and power through its POE port, the Allied Telesis unmanaged AT-FS705PD switch eliminates the clutter of local power cables and hardware while reducing the risk of power or data disconnections. In addition to supporting centralized power backup for critical systems, the AT-FS705PD switch employs IEEE.3af Power over Ethernet and features full auto-negotiation 10/100 ports which automatically detect speed and duplex modes of attached devices, allowing the switch to automatically configure for the best possible performance.

### Simplified Installation

Used on a desktop or mounted on a wall, the AT-FS705PD is easy to install and does not require software-configuration or management. The auto-sensing ports allow seamless and simple connectivity between existing 10Mbps Ethernet and 100Mbps Fast Ethernet UTP devices, and all units can be installed in minutes. The switch is MDI/MDI-X on all ports for simple connection to other hubs and switches. Finally, easy to read front panel LEDs show ongoing switch status and simplify troubleshooting.

### Quality & 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

- 5-port 10/100Mbps
- Fast Ethernet Switch
- Power feeding from uplink port
- System & port LEDs
- MDI/MDI-X on all ports
- Auto-Negotiation on all ports
- Non-Blocking architecture
- Store & forward packet handling
- Backpressure & flow control
- Option one DC Power Jack
- Sturdy metal case
- Desktop or wall-mount

# AT-FS705PD | Unmanaged Fast Ethernet Switch Powered Device

## Technical Specifications

### Performance

14,800pps for 100Mbps Ethernet  
148,000pps for 100Mbps Ethernet  
MAC Addresses Up to 2K  
Packet Buffer 128K  
Half/Full-Duplex  
Auto Negotiation  
MDI/MDI-X on all ports

### Interface Connections

10/100TX RJ-45  
1 x Power Over Ethernet PD port

### Power Characteristics

Input Supply Voltage 24vDC  
Input Current 0.3A  
POE Input Voltage 22 - 57vDC  
POE Current 66mA - 140mA  
Power Consumption 3W maximum (Class I)

### Physical Characteristics

Height 26mm (1.02")  
Width 125.73mm (4.95")  
Depth 100.05mm (3.74")  
Weight 372g (.82 lbs)

### Environmental Specifications

Operating Temp. 0°C to 40°C (32°F to 104°F)  
Storage Temp. -25°C to 75°C (-13°F to 158°F)  
Operating Humidity 5% to 80% non-condensing  
Storage Humidity 5% to 95% non-condensing

## Standards & Compliance

IEEE 802.3	10T Ethernet
IEEE 802.3u	100TX & 100FX Fast Ethernet
IEEE 802.3x	Flow Control
IEEE 802.3af	Powered Devices (PDs)
IEEE 802.3u	Auto-Negotiation

## SNMP Standards

RFC 1157	SNMPv1/v2
RFC 1213	MIB-II
RFC 1215	TRAP MIB
RFC 1493	Bridge MIB
RFC 1643	Ethernet like MIB
RFC 1757	RMON 4 groups: stats, history, alarms, events
RFC 2674	802.1QMIB
RFC2863	Interfaces group MIB

## Electrical/Mechanical Approvals

EMI/RFI FCC/EN55022 Class B,  
VCCI Class B, C-TICK  
Electrical Safety EN60950 (TUV), UL60950 (ULus), CE  
Immunity EN55024

## Ordering Information

### AT-FS705PD-20

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- This product does not ship with a power cord

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