

 Print Version

**Products**

**LAN Switches**

**Power over Ethernet**

- Layer 3 Managed PoE Switch
- Layer 2/2+ Managed PoE Switch
- Layer 2 Web Smart PoE Switch
- Unmanaged PoE Switch
- Long Reach PoE Solution
- PoE Injector Hub
- PoE Injector / Splitter
- PoE Extender
- PoE Media Converter
- Solar Power PoE System
- PoE Powered Device
- Industrial Power over Ethernet

**Industrial Ethernet**

**Media Conversion**

**Passive Optical Network**

**Wireless LAN**

**IP Surveillance**

**IP Telephony**

**Broadband Communication**

**Home Automation**

**Network Security**

**Network Peripheral**

**Partner Login**

User Name:

Password:



**FTP-802 / FTP-802S15**

**100Base-FX to 10/100Base-TX PoE Media Converter**

 PoE	 10M 100M	 Metal Made	 802.3af End-span	 15.4w per port
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- Overview
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- Specifications
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**Interface**

**Copper** 1-port Fast Ethernet TP interface, auto negotiation, auto-MDI / MDI-X with PoE injector function

**Fiber** FTP-802  
Multi-mode: 50/125µm or 62.5/125µm optical fiber  
FTP-802S15  
Single-mode: 8.3/125, 8.7/125, 9/125µm optical fiber

**Fiber Port Type (connector)** FTP-802 : SC  
FTP-802S15 : SC

**Cable Distance** FTP-802 : 2km  
FTP-802S15 : 15km

**Optical Frequency** FTP-802 : 1310nm  
FTP-802S15 : 1310nm

**Launch Power(dBm)** FTP-802 : max.-14 min.-19.0  
FTP-802S15 : max. -7 min.-20

**Receive Sensitivity** FTP-802 : -34.5  
FTP-802S15 : -28

**Maximum Input Power** FTP-802 : -14  
FTP-802S15 : -8

**Power over Ethernet**

**PoE Standard** IEEE 802.3af Power over Ethernet

**Power Output** PoE 48V DC, max. 15.4 watts, 350mA

**Power Pin Assignment** 1/2(+), 3/6(-)

**Hardware Specifications**

**Switch Architecture** Store-and-Forward

**Flow Control** Back pressure for half duplex mode  
IEEE 802.3x pause frame for full duplex mode

**LED** System: Power, Status  
FX / LNK: Data Active, Fiber Link  
TX / LNK: 10/100 Link / Active  
PoE in Use: Detects PSE Device

**Dimensions (H x W x D)** 26 x 70 x 97 mm

**Weight** 0.2 kg

**Power Supply** 48V DC, 0.4A external AC-to-DC adapter

**Operating Temperature** 0~50 degrees C

**Operating Humidity** 5~90% (non-condensing)

**LFP Mode** Enable: when either TP port or FX port is broken, shut down the other port  
Disable: Link LED indicators is still on if connection of the other end is broken

**Standards Conformance**

**Regulation Compliance** FCC Part 15 Class A, CE

<b>Protocols and Standards</b>	IEEE 802.3 Ethernet
<b>Compliance</b>	IEEE 802.3u Fast Ethernet IEEE 802.3x Flow Control IEEE 802.3af Power over Ethernet
<b>Cables</b>	TP: Cat 5/5e UTP cable Fiber: Multi-mode: 50/125 $\mu$ m or 62.5/125 $\mu$ m optical fiber Single-mode: 8.3/125, 8.7/125, 9/125 $\mu$ m optical fiber

**Ordering Information**

<b>FTP-802</b>	100Base-FX to 10/100Base-TX PoE Media Converter (SC,MM)-2km
<b>FTP-802S15</b>	100Base-FX to 10/100Base-TX PoE Media Converter (SC,SM)-15km

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