



## FC-1002-PSE

10/100/1000Base-T to 2x 100/1000Base-X SFP Media Converter with PoE+ 30W PSE (60W total)

The FC-1002-PSE is a Gigabit Ethernet 10/100/1000Base-T to 2x 100/1000Base-X non-managed stand-alone media converter, equipped with DIP switches for configuration options. The SFP slot allows both Gigabit and Fast Ethernet operation and can take any type of SFP: multi-mode, single-mode, CWDM or DWDM as well as BiDi which allows bi-directional transmissions using only a single fiber strand cable. DIP sw allow setting of fiber port speed, LFP function or transparent or switching converter mode. LED indicators signal the power status, UTP and FX ports speed and Link status of each port.

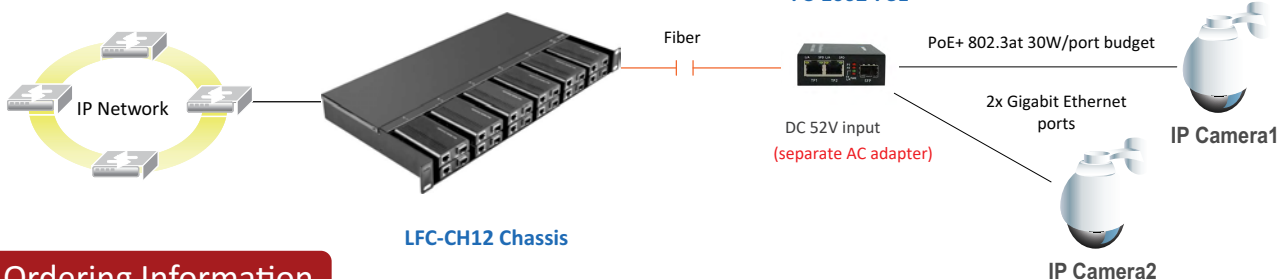
### Features

- 10/100/1000Base-T to 2x 100/1000Base-X SFP Converter
- DIP settings for fiber speed, LFP functions and PoE type
- Forward 2048 bytes (Max.) packets in switch mode
- Forward 9Kbytes Jumbo packets in transparent converter mode
- Auto-Negotiation & Auto MDI/MDI-X
- Port isolation available for the two RJ45 ports
- Supports Q in Q double tagged frame transparent
- Supports IEEE 802.1Q Tag VLAN pass thru
- choice of SFP, BiDi or MMF, SMF options

### Specifications

Optical Interface	Connector	SFP slot	Standards	IEEE 802.3, 802.3u, 802.3Z, 802.3ab
	Data rate	1.25G (GE) or 155M (FE)	Indications	LED (Power, FX Link/Act, TP1,TP2 SPD, TP1, TP2 Link/PoE)
	Duplex mode	Full duplex	Power Input	separate AC adapter 90-240VAC to DC52V @ 1.25A
	Fiber	MM 50/125µm, 62.5/125µm or SM 9/125µm	PoE specs	52VDC voltage output, short and overload protection Pin polarity 1/2 (V+),3/6 (V-); IEEE 802.3at
	Distance	Depending on SFP used	Power Consumption	< 5W with no PSE, 60W at max load PoE+ (802.3at)
	Wavelength	Depending on SFP used MM 1310nm, SM 1310,1550nm WDM 1310Tx/1550Rx (Type A) 1550Tx/1310Rx (Type B)	Dimensions (D x W x H)	94 x 71 x 26mm w/o AC adapter(no SFP transceiver) 120 x 55 x 34mm for standalone AC adapter only
Electrical Interface	Connector	RJ-45	Weight	Converter : 205g, AC adapter : 205g
	Data rate	10Mbps, 100Mbps, 1000Mbps	Temperature	0 ~ 50°C (Operating), -20 ~ 85°C (Storage)
	Duplex mode	Full duplex	Humidity	10 ~ 90% non-condensing
	Cable	100Base-TX Cat.5, 5e or higher 1000Base-T Cat.5, 5e or higher	Certification	CE, FCC
			MTBF	65,000 hrs

### Application



### Ordering Information

Model Name	Description
FC-1002-PSE	10/100/1000Base-T to 2x 100/1000Base-X SFP slot, non-managed Media Converter PSE 30W/port (60W total)