New

10/100/1000Base-T to 1000Base-X Gigabit Ethernet PSE Fiber Converter
OFC-1000PSE

The OFC-1000PSE is a copper to fiber Gigabit Ethernet solution designed to make conversion between 10/100/1000 Base-T to 1000Base-SX/LX with SFP LC connector. The OFC-1000PSE complied with IEEE802.3af Power Over Ethernet standard with built-in AC power supply. This PoE media converter is a Power Sourcing Equipment (PSE) which combines data received over a TP link with 48VDC power, providing power to IEEE802.3af powered device (PD) over the existing CAT5 UTP cable. Other features include Link fault pass through (LFP), Store and Forward Switching , auto or forced mode setting for copper Ethernet as well as auto laser shutdown.

Optical Interface		
Connector	SFP LC	
Data rate	1000Mbps	
Duplex mode	Full duplex	
Fiber	MM 50/125μm, 62.5/125μm. SM 9/125μm	
Distance	MM 550m, 2km, SM 15/30/50/80/120km WDM 20/40/60km	
Wavelength	MM 1310nm, SM 1310,1550nm WDM 1310Tx/1550Rx (type A) 1550Tx/1310Rx (type B)	

Electrical Interface		
Connector	RJ45	
Data rate	10Mbps, 100Mbps, 1000Mbps	
Duplex mode	Half / Full duplex	
Cable	10Base-T Cat.3, 4, 5, UTP 100Base-TX Cat.5, 5e or higher 1000Base-T Cat.5, 5e or higher	

PSE Output Power

	Class 0: 15.4w	Class 1: 4w
	Class 2: 7w	Class 3: 15.4w

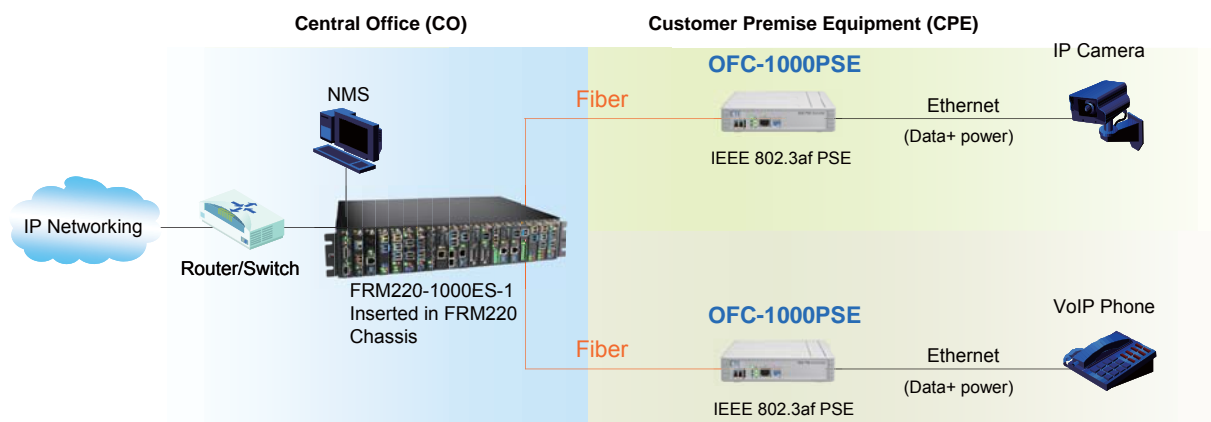|	
Standard	IEEE 802.3, 802.3u, 802.3ab, 802.3z, 802.3af,802.3x
Indications	LED (Power, FX-Link, FX Duplex, TX-SPD, TX-Duplex, TX-Link)
Power Input	100~240VDC
Power Consumption	< 5W (with PSE Output Power)
Dimension	201 x 135 x 35mm (D x W x H)
Weight	580g
Temperature	0 ~ 50°C (Operating), -10 ~ 70°C (Storage)
Humidity	10 ~ 90% non-condensing
Certification	CE, FCC, LVD, RoHS
MTBF	75,000 hrs (25°C)

Features
- 10/100/1000Base-T to 1000Base-SX/LX SFP
- Support IEEE 802.3af Compliant PSE (power sourcing equipment)
- Auto-negotiation or forced mode
- Auto MDI/MDIX
- Store and Forward Switching Mechanism
- Support 4K MAC address
- Support 256K Byte Packet Buffer
- Forward 1632 bytes (max.) packets
- Support Link fault pass through (LFP) function

Ordering Information
OFC-1000PSE-AC: GE PSE media converter with built-in AC power 100 ~240V
OFC-1000PSE-DC: GE PSE media converter with built-in DC power 18 ~ 72V
OFC-1000PSE-AD: GE PSE media converter with AC 100~240V + DC 18 ~72V dual Powers