

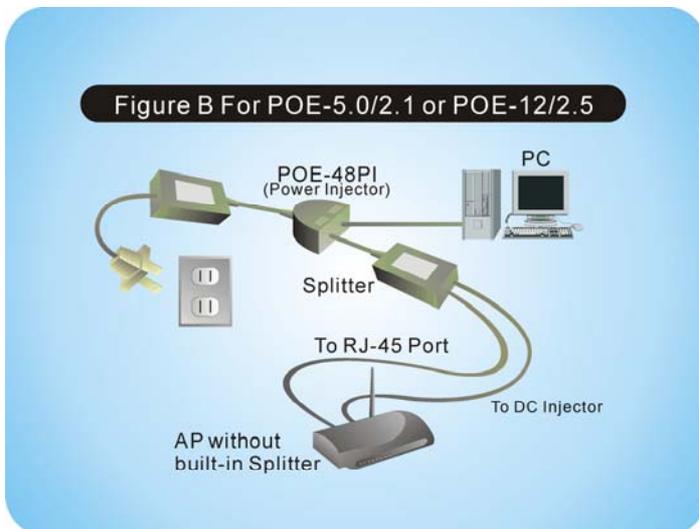


## POE-12/2.5

IEEE 802.3af Power over Ethernet, 48V Power Injector and Splitter (12V, 2.5Ø/5.5Ø)

PheeNet POE-12/2.5 is an IEEE 802.3af Power over Ethernet with 48V Power Injector and Splitter (12V, 2.1Ø/5.5Ø), which is an innovative technology for powering Ethernet devices such as IP telephone, Web Camera and Wireless AP. POE-12/2.5 can transform AC power to 48V DC power and inject 48V DC through CAT-5 cable pin# 4, 5, 7 and 8 into remote devices; therefore, user can apply POE-12/2.5 to convey the power and data to your LAN equipment through Ethernet cable, which extends the reach of your Web Camera, VoIP and wireless AP more efficiently. Moreover, secure features like Short Circuit Protection, Over Load Protection and High Voltage Protection prevent Ethernet devices from circuit shortage resulted from wrong pin installation or cable damage.

### APPLICATION



### Features

The maximum distance of RJ-45 Cable between Power Injector and Splitter is 100m

#### DC Injector Features:

- Transform AC power to 48V DC power. Inject 48V DC through CAT-5 cable pin# 4,5, 7, 8, into remote devices such as Wireless AP, IP Phone, Web Camera, etc
- Protection: - Short Circuit Protection: Any output short GND terminal will lead Auto-Reset. - Over Load Protection: Load Current over 395mA will lead Auto-Reset. - High Voltage Protection: Output DC voltage over 57V will lead

### Splitter Features:

- Work with Power Injector, as a data/power splitter and DC to DC converter
- SHORT CIRCUIT PROTECTION: Any output Short GND Terminal will not damage the Power Supply and will.Auto-Reset.

## Specification

Industrial Standard:	
Standard	Compliant with IEEE 802.3af
DC Injector	Input : 100V ~240V AC,
	output :48V DC (Max. 350mA)
Splitter	Input: 48VDC, 300mA
	Output: 12VDC, 1.0A
Category 5 Pin Usage	Data: 1, 2, 3, 6
	Power: 4, 5, 7, 8
Hardware:	
CAT-5 UTP Cable Length(splitter)	200mm
DC Power Cable Length(splitter)	200mm
Power Jack	Diameter: 2.5Φ/ 5.5Φ
	length: 12±0.5mm
	180 degree angle
	Polarity : inside (+), outside (-)
Dimensions	Injector: 85(L) x 76(W) x 36(H)mm
	Splitter: 85(L) x 76(W) x 36(H)mm
Splitter Weight	135g
Environment	Temperature operating: 0°C to 60°C
	Temperature storage: -10°C to 70°C
Humidity	5%~90%
Certificate	FCC,CE

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