

ETH-POEINJ60-1G-VI

60 Watt Gigabit PoE injector



Proxim’s 60 Watt Gigabit PoE Injector provides power over Ethernet to Tsunami QB / MP / XP and OriNOCO AP / QB, even when PoE out is required on the second Ethernet port of the device.

Features and Specification

- Gigabit Ethernet Interface
- IEEE 802.3at protocol – non standard, non compliant (Continuous flow of power with no detection)
- Protection against short circuit, over current and over voltage (The output can be shorted permanently without damage)
- Safety certified against EN 60950 standard
- Level VI power efficiency

Package Contents

- One Gigabit PoE Injector (ETH-PEOINJ60-1G-VI)

RJ-45 Pin-Out

PIN	DATA	POWER
1	Data	Negative Out
2	Data	Negative Out
3	Data	Positive Out
4	Data	Positive Out
5	Data	Positive Out
6	Data	Positive Out
7	Data	Negative Out
8	Data	Negative Out

Electrical Rating

Input Voltage	100 to 240 VAC, 47 to 63 Hz
Input Current	2.0 A (RMS) max for 90 VAC 1.2 A (RMS) max for 240 VAC
Leakage Current	0.25 mA max for 264 VAC, 50 Hz
Output Voltage	56 Volt DC
Output Current	1.1 Amps
Output Ripple	250 mVp-p
Output Power	60 Watt

Specifications

EMC	FCC part 15 class A EN 55022 class A	
Immunity	ESD	EN61000-4-2. Level 3
	RS	EN61000-4-3. Level 2
	EFT	EN61000-4-4. Level 2
	Surge	EN61000-4-5. Level 3
	CS	EN61000-4-6. Level 2
	Voltage Dips	EN61000-4-11
Isolation Test	Harmonic	EN61000-3-2 Class A
	Primary to Secondary	4242 VDC for 1 mn, 10mA
	Primary to Ground	2121 VDC for 1 mn, 10mA
Insulation Resistance	Secondary to Ground	2121 VDC for 1 mn, 10mA
	Primary to Secondary	>10M OHM 500 VDC
Hold-up Time	Primary to Ground	>10M OHM 500 VDC
	10mS min. 120VAC and maximum load	

Environment & Mechanical

Temperature Range	Operating:	0 to +40 °C
	Storage:	-20 to +65 °C
Relative Humidity (non-condensing)	Operating: 5 to 90 %	
Dimensions	163 (L) x 65 (W) x 36 (H) mm	
Weight	400 g	

Ordering Information

CPN	Description
ETH-POEINJ60-1G-VI	Gigabit , 60W, PoE injector with RJ45, level VI Compliance