

36-72VDC 60 Watt 2.5/5 Gigabit PoE injector

ETH-DC-POEINJ60-2.5/5G



Proxim's 60 Watt 2.5/5 Gigabit, DC PoE Injector provides power over Ethernet to Stratum X5 devices, when high performances (above 1 Gbps) is required.

- Wide input voltage of 36-72 VDC
- 2.5/5 Gigabit Ethernet Interface
- Passive PoE non compliant with IEEE 802.3at protocol (Continuous flow of power with no detection)

Ordering Information

CPN	Description
949-00171	36-72VDC, 2.5/5 Gigabit, 60W, passive PoE injector with RJ45

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

Specifications

EMC	47 CFR FCC part 15B Class B ANSI C63.4-2014 EN 55032:2015 class B	
Immunity	EN 55035:2017 Harmonic EN61000-3-2:2014 Fluctuations-Flicker EN61000-3-3:2013 ESD IEC 61000-4-2:2008 Electromagnetic Field IEC 61000-4-3: 2006+A1:2007+A2:2010 Electric Fast Transient IEC 61000-4-4: 2012 Surge IEC 61000-4-5: 2005 Injected Current IEC 61000-4-6: 2008 Voltage Dips IEC 61000-4-11:2004	
Static Electricity	Contact discharge	±4 KV
	Air discharge	±8 KV

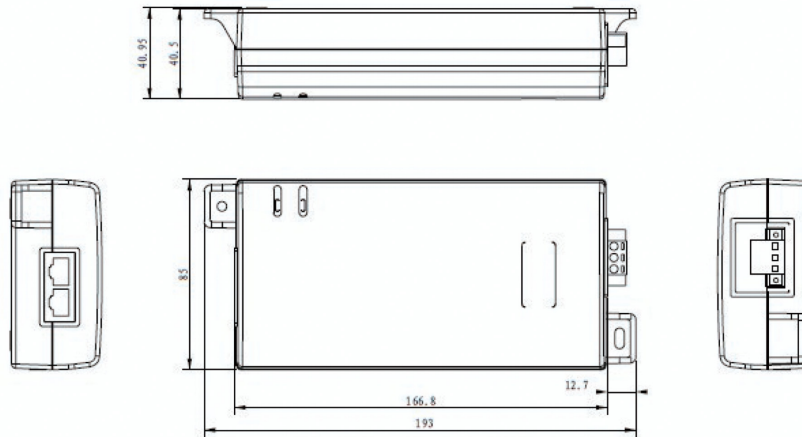
Electrical Rating

Input Inlet	Terminal Connector (+IN, -IN, GND)
Input Voltage	36 to 72 VDC
Input Current	2.5 A max
Output Voltage	55.0 VDC
Output Current	1.1 A
Output Power	60.5 W

Environment & Mechanical

Temperature Range	Operating:	0 to +40 °C
	Storage:	-20 to +70 °C
Relative Humidity (non-condensing)	Operating:	20 to 80 % non-condensing
	Storage:	10 to 90 % non-condensing
Dimensions	193 (L) x 85 (W) x 41 (H) mm 7.6 (L) x 3.35 (W) x 1.61 (H) inch	
Weight	435 g / 0.96 lbs	
MTBF	≥ 100k hours	

Schematics



Package Contents

- One 36-725 VDC, 2.5/5 Gigabit PoE Injector (ETH-DC-POEINJ60-2.5/5G)

ABOUT PROXIM WIRELESS:

Proxim Wireless is a global leader in advanced wireless broadband and WiFi solutions that deliver high performance and high availability communications. Celebrating 40 years of pioneering wireless solutions, Proxim is recognized for unparalleled reliability, superior performance, and drive for innovation.

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