



PoE-1

High Power PoE Injector

High Power Wi-Fi with 48V 1 Amp PoE

ValuePoint™ Networks' Single-Port Power over Ethernet (POE) Injector is designed for Wi-Fi deployments with long cable runs typically found in places such as hotels, apartment buildings, airports, outdoor, and industrial applications. The key advantage of our PoE injector is its high power output-48 Volt and 1 AMP. This is more than double the .35 Amp typically provided by PoE injectors, and you can **deploy Ethernet runs greater than 100 meters** (328 feet) without worrying about getting sufficient power to your devices. In addition our PoE injector has a rugged metal case with power supply included, exceeding the durability of most single port injectors. Pricing for the PoE Injector is more cost effective than ever before, dramatically lowering your infrastructure costs, and increasing your Return on Investment.



Input Power Requirements

AC Input Voltage: 90 – 264Vac

AC Frequency: 47 – 63 HZ

AC Input Current: 2A at 100Vac, 1A at 240Vac, (-48Vdc)

Pin Assignments and Polarity: (+) 4/5 (-) 7/8

Output Voltage: 48 Volt DC

Output Amperage: 1 Amp

Aggregate Power: 50W (48Vdc)

Dimensions: (H) 1.5 in × (W) 4.09 in × (D) 5.43 in

Weight: 0.63 Kg

LEDS:

AC Power = **Green**

PoE Active = **Red** 0.05 A < I_o < 1 A

Excessive Current Protection = **Red Flashing** if > 1.2 A

Connectors: Shielded RJ-45

Operating Temperature: -22° to 140° F (-30° to 60° C)

Operating Humidity: Maximum 90% Non-condensing

Storage Temperature: -13° to 185° F (-25° to 85° C)

Storage Humidity: Maximum 95%, Non-condensing

Operating Altitude: -1000 to 10,000 ft. (-304.8 to 3048 m)

Safety Approvals: UL 1950, CSA A22.2 No. 950, EN 60950, CB, CE

Regulatory Compliance: CE Compliance

Electromagnetic Emission and Immunity: FCC Part 15 Class B