

PoE Injectors (Power Over Ethernet)

Designed to Power 24 and 48 V Mimosa Devices

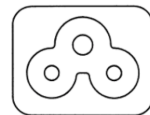
Mimosa's wide range of Power over Ethernet (PoE) solutions are designed for a clean installation in any environment. Supporting many country specific plugs and power options, Mimosa's PoE is the best power solution for your wireless installations .



Gigabit PoE Injector
(50 V, 60W, 1200mA out)



Gigabit PoE Injector
(24V, 30W, ~500mA)



IEC-320 C6 3 pin inlet
Requires C5 3 pin cable

PoE Injectors: Specifications

Model	Gigabit PoE Injector (50 V)	Gigabit PoE Injector (24 V)
Part Number	502-00022	502-00030
Dimensions	138 mm x 62 mm x 35 mm (5.4" x 2.4" x 1.4") L x W x H	97 mm x 53.5 mm x 35.5 mm (3.8" x 2.1" x 1.4") L x W x H
Weight	0.24 kg (8.8 oz)	0.13 kg (4.6 oz)
Color	Grey	Grey
Gigabit LAN	Yes, (2) RJ-45	Yes, (2) RJ-45
Output Voltage	50 V === 1.2A	24 V === 0.5A
Max Current Load	1.2A (60 W)	0.5A (12 W)
2-Pair Powering	PIN 1/2 and 4/5: +50 V PIN 3/6 and 7/8: GND	PIN 1/2 and 4/5: +24 V PIN 3/6 and 7/8: GND
Input Voltage	100–240 VAC ~ 50/60 Hz; Max 1.5A	100–240 VAC ~ 50/60 Hz; Max 0.75A
Input Current	1.5A @ 115 VAC; 1.0A @ 230 VAC	0.5A @ 90 VAC

Model	Gigabit PoE Injector (50 V)	Gigabit PoE Injector (24 V)
Input Frequency	47–63 Hz	47–63 Hz
Max In-Rush Current	150A	70A @ 230 VAC
Ripple Voltage	200 mV	120 mV
Protection	Over Current; Over Voltage	Over Current; Over Voltage
Efficiency	88+% - Level VI	82+% - Level VI
RJ-45 Type	Metal-Shielded	Metal-Shielded
AC Connector	IEC-320 C6 (3 Pin Inlet)	IEC-320 C6 (3 Pin Inlet)
Operation Indicator	1 LED (Blue)	1 LED (Blue)
Operating Temperature	-25° C to +50° C	0° C to +40° C
Operating Humidity	5% to 95% non-condensing	10% to 90% non-condensing
Storage Temperature	-30° C to +70° C	-20° C to +80° C
Compliance	EMI FCC Part 15 Class B EN 55022/24 Class B / CE IEC61000-4 Safety UL/cUL 60950-2 IEC/EN 60905-1 RCM/C-Tick TUV:GS, CB S-Mark, CCC NOM Others WEEE/RoHS	EMI FCC Part 15 Class B EN 55022/24 Class B / CE IEC61000-4 Safety UL/cUL 60950-1 GB4939 TUV:GS IEC60905 RCM/C-Tick S-Mark NOM Others WEEE/RoHS

Mimosa Networks, a wholly owned subsidiary of Radisys, is the global technology leader in wireless broadband solutions, enabling service providers to connect dense urban and hard-to-reach rural homes at a fraction of the cost of fiber. Mimosa Networks was acquired in 2023 by Radisys Corporation, a wholly owned subsidiary of Jio Platforms Limited.