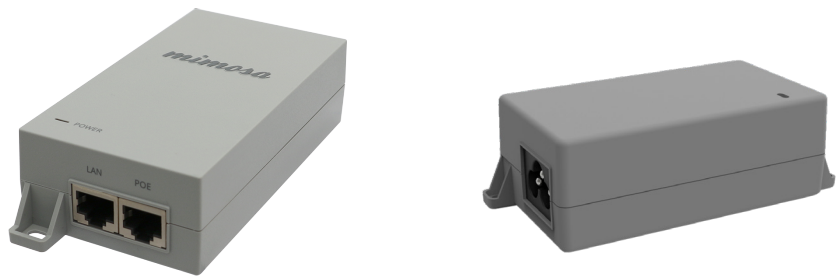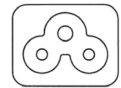# PoE Injectors (Power Over Ethernet)
Designed to Power 24 and 48 V Mimosa Devices

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

Model	Gigabit PoE Injector (50 V)	Gigabit PoE Injector (24 V)
Part Number	502-00022	502-00025
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)
Pinout	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
Input Frequency	47–63 Hz	47–63 Hz
Max In-Rush Current	150A	70A @ 230 VAC

Model	Gigabit PoE Injector (50 V)	Gigabit PoE Injector (24 V)
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) Corresponding Mimosa regional cords: 501-00094 (USA) 501-00095 (EU) 501-00097 (UK)	IEC-320 C6 (3 Pin Inlet) Corresponding Mimosa regional cords: 501-00094 (USA) 501-00095 (EU) 501-00097 (UK)
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, a product division of Airspan, 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 was acquired in 2018 by Airspan Networks Holdings Inc. (NYSE American: MIMO), the award-winning, leading vendor of 5G software and hardware.

mimosa *by Airspan*