

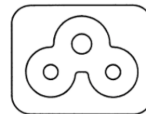
PoE Injectors (Power Over Ethernet)

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

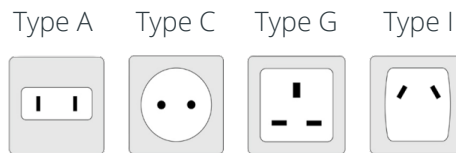


IEC-320 C6 3 pin inlet
Requires C5 3 pin cable



Gigabit PoE Wall Plug

Country Specific Clips

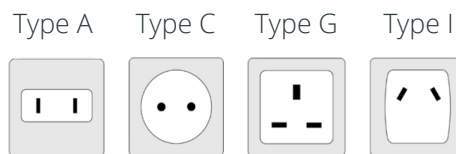


Note: Clips for the G2 and Gigabit PoE wall plug are different.



G2 PoE 2.4 GHz
WiFi Gateway

Country Specific Clips



Note: Clips for the G2 and Gigabit PoE wall plug are different.

PoE Adapters: Specifications

Model	Gigabit PoE Injector	Gigabit PoE Wall Plug	G2 PoE 2.4 GHz WiFi Gateway
Part Number	100-00080	100-00051 (NA) 100-00054 (EU)	100-00034 (NA) 100-00035 (EU)
Dimensions	138 mm x 62 mm x 32 mm (5.4" x 2.4" x 1.3") L x W x H	86 mm x 51 mm x 33 mm (3.4" x 2.0" x 1.3") L x W x H	92 mm x 57 mm x 42 mm (3.6" x 2.2" x 1.7") L x W x H
Weight	0.24 kg (8.8 oz)	0.11 kg (3.8 oz)	0.148 kg (5.2 oz)
Color	Grey	White	White
Gigabit LAN	Yes, (2) RJ-45	Yes, (2) RJ-45	Yes, (2) RJ-45
Output Voltage	50 V === 1.2A	56 V === 0.275A	48 V === 0.210A
Max Current Load	1.2A (60 W)	0.275A (15.4 W)	0.210A (10.0 W)
2-Pair Powering	PIN 1/2 and 4/5: +50 V PIN 3/6 and 7/8: GND	PIN 3/6: +56 V PIN 1/2: GND	PIN 3/6: +48 V PIN 1/2: GND
Input Voltage	100-240 VAC ~ 50/60 Hz Max 1.5A	100-240 VAC ~ 0.8A 50-60 Hz	100-240VAC ~ 0.6A 50-60 Hz
Input Current	1.5A @ 115 VAC 1.0A @ 230 VAC	0.5A @ 90 VAC 0.35A @ 240 VAC	0.6A @ 120 VAC 0.4A @ 240 VAC
Input Frequency	47-63 Hz	47-63 Hz	50-60 Hz
Max In-Rush Current	150A	30A for 115 VAC 60A for 230 VAC	60A for 120 VAC 120A for 240 VAC
Ripple Voltage	200 mV	600 mV	200 mV
Protection	Over Current; Over Voltage	Over Current; Over Voltage	Over Current; Over Voltage
Efficiency	88+% - Level VI	84+% - Level VI	75+% - Level V
RJ-45 Type	Metal-Shielded	Plastic	Plastic
AC Connector	IEC-320 C6 (3 Pin Inlet)	Custom (2) Prong Clip (US, EU, UK, AUS/NZ)	Custom G2, (2) Prong clip (US, EU, UK, AUS/NZ)

Model	Gigabit PoE Injector	Gigabit PoE Wall Plug	G2 PoE 2.4 GHz WiFi Gateway
Operation Indicator	1 LED (Blue)	1 LED (Blue)	3 LEDs (Multi-Color)
Operating Temperature	-25° C to +50° C	-20° C to +50° C	0° to +40° C
Operating Humidity	5% to 95% non-condensing	5% to 90% non-condensing	5% to 95% non-condensing
Storage Temperature	-30° C to +70° C	-20° C to +70° C	-25° C to +65° C
Compliance	<p>EMI FCC Part 15 Class B EN 55022/24 Class B / CE IEC61000</p> <p>Safety UL/cUL 60950-2 IEC/EN 60905-1 RCM/C-Tick TUV:GS, CB S-Mark, CCC NOM</p> <p>Others WEEE/RoHS</p>	<p>EMI FCC Part 15 Class B EN 55022 Class B IEC61000</p> <p>Safety UL/cUL 60950-2 IEC/EN 60905-1 CE, CB RCM/C-Tick TUV:GS</p> <p>Others WEEE/RoHS</p>	<p>Approvals FCC/IC CE/ETSI</p> <p>EMI FCC Part 15 Class B EN 55022 Class B IEC61000</p> <p>Safety UL/cUL 60950-2 IEC/EN 60905-1 CE, IC RCM/C-Tick TUV:GS</p> <p>Others RoHS Wi-Fi Certified</p>

PoE Compatibility Table

PoE Model	A	B	B5-Lite	C
Gigabit PoE Injector	✓	✓	✓	✓
Gigabit PoE Wall Plug			✓	✓
G2 PoE 2.4 Wi-Fi Gateway			✓	✓

PoE Ordering Guide

Gigabit PoE Injector



Part Number	Description	Ordering Guide
100-00080	Gigabit POE Injector (grey)	Requires country specific IEC-320 C5 cable — not sold by Mimosa

Gigabit PoE Wall Plug



Part Number	Description	Ordering Guide
100-00051	Gigabit POE Wall Plug with US Clip	Pre-Assembled POE Wall Plug and US Clip
100-00054	Gigabit POE Wall Plug with EU Clip	Pre-Assembled POE Wall Plug and US Clip
502-00011	Clip for POE Wall Plug - UK	Order US or EU POE Wall Plug with Clip, and Order the UK Clip Separately
502-00012	Clip for POE Wall Plug - AU/NZ	Order US or EU POE Wall Plug with Clip, and Order the AU/NZ Clip Separately

Note: Clips for the G2 and Gigabit PoE wall plug are different.

G2 PoE 2.4 GHz WiFi Gateway



Part Number	Description	Ordering Guide
100-00034	G2 PoE 2.4 GHz Gateway with US Clip	Pre-Assembled G2 PoE WiFi Gateway and US Clip
100-00035	G2 PoE 2.4 GHz Gateway with EU Clip	Pre-Assembled G2 PoE WiFi Gateway and EU Clip
502-00017	Clip for PoE Wall Plug - UK	Order US or EU G2 PoE WiFi Gateway with Clip, and Order the G2 UK Clip Separately
502-00016	Clip for PoE Wall Plug - AU/NZ	Order US or EU G2 PoE WiFi Gateway with Clip, and Order the G2 AU/NZ Clip Separately

Note: Clips for the G2 and Gigabit PoE wall plug are different.

Mimosa Networks, a 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 Networks was acquired in 2018 by Airspan, the leading vendor of 4G/5G LTE small cells and backhaul technologies.