



PAW is wideband antenna amplifier especially designed to amplifier RF signal up to 1 Watt. It comes in 3 versions:

- PAW-V working in 170-230 MHz
- PAW-L working in 470-670 MHz
- PAW-H working in 566-800 MHz

### **Operation**

The PAW is powered by the transmitter/MFL system through the coaxial cable attached to its input connector, and accordingly the transmitter/MFL system must have the antenna feeding function.

*Option:* It can be mounted directly on LBN1 antenna

**BEWARE:** PAW need 250mA @ 12V to operate

PAW housing is in ruggedized aluminum, with waterproof sealing (suitable for outdoor installations):

⇒ 2 holes for wall-installation (M4 screw type)

Radiofrequency connectors are BNC-Female type:

- ⇒ **Input connector**, to transmitting system (transmitter/MFL)
- ⇒ **Output connector**, to antenna

### **TECHNICAL SPECIFICATIONS**

- Frequency : 170-230 MHz (PAW-V)  
470-670 MHz (PAW-L)  
566-800 MHz (PAW-H)
- Input/output impedance : 50 ohm (SWR = < 1:1.2).
- Connectors : BNC-female type
- Gain (max) : 13dB (typical)
- OIP3 : +47 dBm (Input 3° order Intercept Point) typical @ 33dBm - 1dB compression point
- Powering : +12 V, 250mA (thru output coax. cable)
- Size (L x H x P) : 120mm x 39mm x 37 mm
- Weight : 250 g approx.

