PAW is wideband linear amplifier designed to boost 20dB an RF signal:

- PAW-V working in 170-230 MHz
- PAW-L working in 435-700 MHz
- PAW-H working in 566-800 MHz
- PAW-X working in up 960 MHz
- PAW-W working in up 1300 MHz

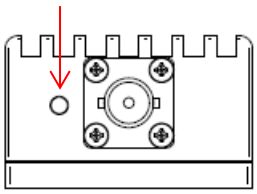
It is powered through the coaxial cable attached to its input connector (200 mA @ 12V).
PAW housing is in ruggedized aluminum, with waterproof, suitable for outdoor installations.
It supports wall installation thru 2 holes for wall-installation (M4 screw type).

TECHNICAL SPECIFICATIONS

- Frequency(*) : up 250 MHz (PAW-V), up 700 MHz (PAW-L), up 800 MHz (PAW-H) up 960 MHz (PAW-X), up 1300 MHz (PAW-W)
- Max input power : 4 dBm
- Input/output impedance : 50 ohm (SWR = < 1:1.2).
- Connectors : BNC-female type or N-female type (**PAWN**)
- Gain (max) : 20 dB (typical)
- OIP3 : +42 dBm (Output 3° order Intercept Point) typical @ 27dBm - 1dB compression point
- Powering : +12 V, 200 mA (thru input coax. cable)
- Size (L x H x P) : 120mm x 48mm x 29,5 mm
- Weight : 250 g approx.

(*) Note: that the PAW is using a full 1.3 GHz wideband amplifier, the band limitation is due to the low pass filter only (to avoid 2rd and higher harmonics generation).

Signalling LED, multicolour:



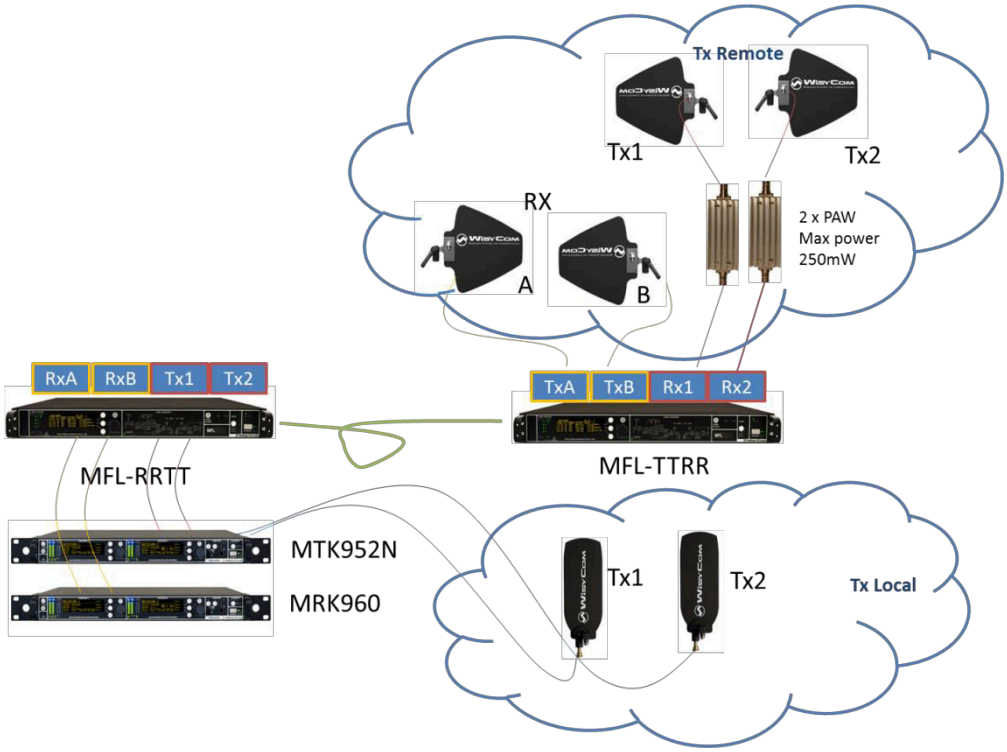
off : without power supply

orange : RF output power lower than 10mW

green : RF output power higher or equal to 10mW

TYPICAL APPLICATIONS

PAW powered by MFL, provides from 10mW to 200mW according to the MFL-RX module gain setting

Common setting:

PAW output power	MFL gain dB setting
10 mW	-10 dB
50 mW	-3 dB
100 mW	0 dB
200 mW	+3 dB