



LBP/LNP is wideband antenna LPDA (log periodic dipole Array) with linear amplifier designed to boost 20dB an RF signal:

- LxP -L working in 435-700 MHz
- LxP -H working in 566-800 MHz

It enhances reception providing approx. 6dB gain with a typical beam-width of 90 degrees. The amplifier is powered through the coaxial cable attached to its input connector (200 mA @ 12V). amplifier housing is in ruggedized aluminum, with waterproof sealing* (suitable for outdoor installations).

BOOSTER SPECIFICATIONS

- Frequency range : 435-700 MHz (LxP -L), 566-800 MHz (LxP -H)
- Max input power : 4 dBm
- Input/output impedance : 50 ohm (SWR = < 1:1.2).
- Connectors : BNC-female type or N-female type (option CN)
- 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)

ANTENNA SPECIFICATIONS

- Dimension: 340 mm L x 280 mm H x 90 mm D
- Material: Epoxy fiberglass (copper -clad)
- Connector: BNC type (for LBP), N type (for LNP)
- Finishing: Black matte
- Mounting: 5/8" Withworth or 3/8" with adapter
- Weight: 700g (LBP), 750g (LNP)

