

AT-90W

UHF Wideband Multi-function Directional Log Antenna

FEATURES

- Dual-mode design supports both transmission and reception in the UHF 470 – 1000 MHz frequency range.
- 4 – 6 dBi gain enables efficient signal performance over medium to long distances.
- Log-periodic directional structure delivers excellent front-to-back ratio and side-lobe suppression, focusing on target signals while minimizing rear interference.
- RX Only port features a built-in adjustable booster (0 – 12 dB), powered via bias voltage, to enhance reception sensitivity and stability.
- Compatible with MPB-30 antenna booster and AD-12 antenna distributor for extended system coverage and optimized wireless performance.



SPECIFICATIONS

Frequency Range	UHF 470 – 1000 MHz
Antenna Gain	4 – 6 dBi
Type	Directional
Booster	Built-in 0 – 12 dB gain controllable booster
Connectors	2 × TNC (TX/RX and RX Only)
Power Supply	DC 8 – 15 V bias via RX Only connector
Impedance	50 Ω
Dimensions	319 × 270 × 25 mm (W × H × D)
Weight	Approx. 480 g

