

AT-100

UHF Wideband Multi-function Circularly Polarized Directional Antenna

FEATURES

- Dual-mode design supports both transmission and reception in the UHF 470 – 1000 MHz frequency range.
- 6 – 8 dBi gain and circular polarized directional design ensure stable long-distance wireless performance.
- Circular polarization minimizes signal loss due to polarization mismatch and multipath reflection, enhancing consistency and interference resistance.
- RX Only port features a built-in adjustable booster (0 – 12 dB), powered via bias voltage, to boost reception sensitivity.
- Compatible with MPB-30 antenna booster or AD-12 distributor for increased range and system efficiency.

SPECIFICATIONS

Frequency Range	UHF 470 – 1000 MHz
Antenna Gain	6 – 8 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	350 × 225 mm (\varnothing × H)
Weight	Approx. 1.5 Kg

