



AT-100W Wideband Circularly Polarized Antenna



The MIPRO AT-100, Circularly polarized antenna, is a highly directional solution for both transmitting and receiving RF signals across the UHF 470-1,000 MHz bandwidth with up to 8 dBi antenna gain. The AT-100's directional focus in the vertical and horizontal planes effectively reduces the polarization loss of the antenna improving signal strength and signal stability. It's anti-interference performance reduces RF interference and signal drop-outs.

The MIPRO AT-100 has two built-in connectors: The "TX/RX" signal connector can be used for either transmitting or receiving. The "RX Only" connector has a built-in 12 dB booster to compensate for long cable runs.

The AT-100 is waterproof and weather resistant. It is a vital component in complicated and demanding RF environments when using wireless microphones and wireless monitor systems. It is ideal for both Indoor and outdoor professional wireless applications. It is certified to the latest CE/FCC telecom regulations.

Specifications

Frequency Range	UHF 470~1000MHz
Antenna Gain	6 - 8 dBi
Polarization	Circular polarization
3-dB Beam-width	72°
Booster Gain	12 dB ±1dB (RX Connector), 0 dB (TX Connector)
VSWR (voltage standing wave ratio)	≤2:1
Power Consumption	1120mW (DC 8V) (RX Connector), 0mW (TX Connector)
Impedance	50Ω
Connector	TNC Female × 2
Dimensions	350(W)x350(H)x225(D)mm / 13.8(W)x13.8(H)x8.8(D)"
Weight	Approx. 1.5kg / 3.3lbs

