

AT-90R UHF Unidirectional Antenna

Features:

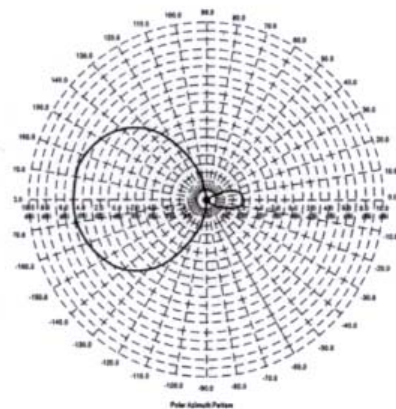
This product is a professional UHF directional antenna covering the RF bandwidth from 600 to 1000 MHz and provides an additional 6 dBi of gain. The AT-90R enhances reception coverage and improves ranges when targeted in a specific direction. The built-in 1.6dB low-noise analog and 13dB low-noise amplifier to compensate for signal loss from longer coaxial cable runs. This product is suitable for indoor or outdoor all-weather applications.



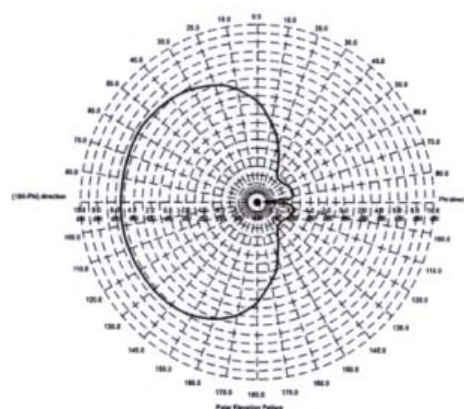
Specifications:

- Frequency Range: 600MHz to 1GHz
- Antenna Gain: 4-6 dBi
- LNA gain: 13dB (typical). LNA NF: 1.6dB (typical)
- VSWR: $\leq 1.5:1$
- 3dB Beam-width: 80°E-Plane and 140°H-Plane
- Power consumption for 8V operation: 640mW (8V, 80mA)
- Connector: TNC female
- Dimensions: 337 × 266 × 40mm
- Weight: 20.4 oz

Radiation Pattern



E-Plane Pattern



H-Plane Pattern

AVLEX CORPORATION

9900 Pflumm # 19 Shawnee Mission, Kansas 66215 USA
Phone (913) 906-9216 Fax (913) 906-9225 Toll Free 877-477-9216
www.avlex.com