

AT-ANTOD High Power Outdoor Antenna

Features

The AT-ANTOD UHF antenna offers an economical choice for omnidirectional high gain applications. The 6061-T6 aluminum tubing and stainless steel hardware provides years of trouble free service.

- Base matched vertical collinear antenna with phasing stub coupling for efficient operation without radials
- Adjustment to exact operation frequency with stainless steel full-lock clamps
- Requires RG8 / 50 Ohm cable (sold separately)

Warranty

One year limited warranty on defects in material or workmanship.

Specifications

Maximum Power	250 Watts
Normal Impedance.....	50 ohms
Radiator Material.....	6061-T6 aluminum tubing
Lightning Protection	DC grounded
Wind Survival	90 MPH
Termination	N Female Connector
Max. Mounting Pipe Diameter	1"
Mounting Method	Built-In Clamp (included)
Frequency Range	450 ~ 470MHz
Gain.....	3dB
VSWR	> 1.5:1
Tuning	Field-Tuned to Specified Frequency (17 3/4" for 452MHz)
Bandwidth @ 1.5:1 VSWR.....	14MHz
Vertical Beamwidth @ ½-Power	30'
Length	41" (when tuned)
Weight.....	0.6 lbs.
Lateral Thrust @ Rated Wind	3.2 lbs.
Bending Moment @ Rated Wind	4 ft.lbs.
Equiv. Flat-Plate Area	0.09 sq.ft.



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