

VHF Collinear Omni Antenna

- Stable Electrical performance across entire band
- High quality mechanical package provides IP 66 rating

Electrical Specifications

Frequency Range	160-174 MHz
Gain	2.5 dBd
VSWR (Return Loss)	<1.5:1 (14dB)
Passive IM 3 rd Order (2x20W)	-150 dBc
Peak Instantaneous Power (PIP)	25 kW
Power Input	500 W
Vertical Beamwidth	20°
Horizontal Beamwidth	Omni +/-0.5 dB
Input	7-16 DIN Female D7
	4.3-10 DIN Female D4

Mechanical Specifications

Configuration	Collinear Dipole
Length	60"
Radome Diameter	3"
Weight	12 lbs
Shipping Weight	19 lbs
Shipping Dimensions	L 60"
	W 3"
	H 3"
Mounting Area	24"
Suggested Clamps (not included)	PLMTKIT



Environmental Specifications

Operating Temperature	-58° to +140°F (-50°C to 60°C)
IP Rating	66
Projected Area	1.25 ft ² (no ice)
	1.67 ft ² (ice)
Lateral Thrust @ 100mph	50 lbs
Wind Gust Rating	150 mph

Standard Elevation Pattern

