



VHF Omni Exposed Dipole Antenna

Electrical Specifications	
Frequency Range	136-174 MHz
Gain	3 dBd per input
VSWR (Return Loss)	<1.5:1 (14 dB)
Passive IM 3 rd Order (2x20W)	-150 dBc
Peak Instantaneous Power (PIP)	25 kW
Power Input	500 W
Vertical Beamwidth	16°
Horizontal Beamwidth	Omni +/-0.5 dB
Input	7-16 DIN-Female D7 4.3-10 DIN-Female D4

Mechanical Specifications	
Configuration	8 dipoles (4 bays) Turnstile stacked Dual antenna operation Dual section support
Length	240"
Weight	79 lbs
Shipping Weight	
Shipping Dimensions	L 248" W 18.0" H 18.0"
Projected Area	4.2 ft ² (no ice) 4.5 ft ² (with ice)
Lateral Thrust @ 100mph	168 lbs
Mounting Area	30.0" x 2.375" diam. Aluminum
Suggested Clamps (not included)	PLMTKIT-1
Wind Gust Rating	150 mph



Standard Elevation Pattern

