

UHF Back Panel Directional Exposed Dipole Antenna

- Broadband Performance covers entire band
- 100% Welded Construction
 - Increased Durability
 - Decreased Installation time
- Internally routed cable harness
 - Protects harness from elements and animals
 - Prevents damage during installation

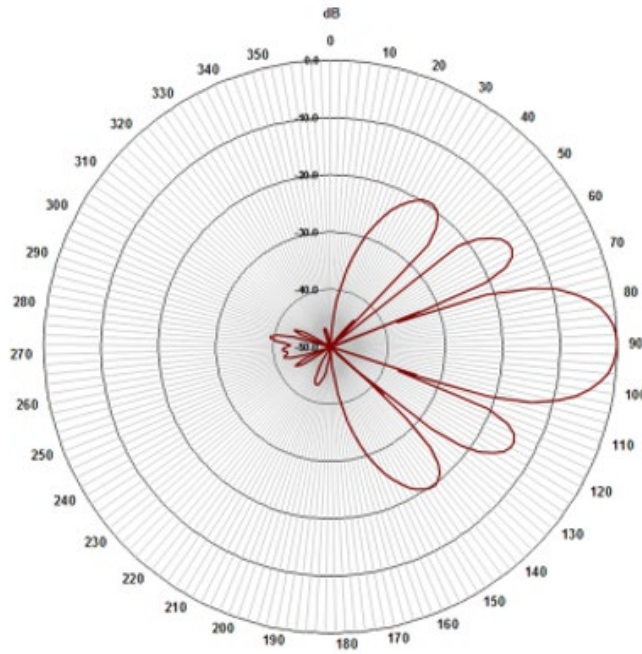
Electrical Specifications	
Frequency Range Dual Band	406-512 MHz
Gain	11 dBd
Nominal Impedance	50 Ω
VSWR (Return Loss)	<1.5:1 (14 dB)
Passive IM 3 rd Order (2x20W)	-150 dBc
Peak Instantaneous Power (PIP)	25 kW
Power Input	500 W
Vertical Beamwidth	17°
Horizontal Beamwidth	71°
Front/Back Ratio	28 dB
Input	7-16 DIN-Female D7 4.3-10 DIN-Female D4 20" pigtail

Mechanical Specifications													
Configuration	Exposed Dipole with Back Panel												
Length/Width	170" x 33"												
Weight	75 lbs												
Shipping Weight	Screen: 60 lbs Dipole Assembly: 90 lbs												
Shipping Dimensions	<table border="1"> <thead> <tr> <th></th> <th>Screen</th> <th>Dipole Assembly</th> </tr> </thead> <tbody> <tr> <td>L</td> <td>62.00"</td> <td>174.00"</td> </tr> <tr> <td>W</td> <td>35.00"</td> <td>13.00"</td> </tr> <tr> <td>H</td> <td>5.00"</td> <td>3.75"</td> </tr> </tbody> </table>		Screen	Dipole Assembly	L	62.00"	174.00"	W	35.00"	13.00"	H	5.00"	3.75"
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Mounting Area	24"												
Suggested Clamps (not included)	PLMTKIT												

Environmental Specifications	
Temperature Range	-40° to 140°F (-40° to 60°C)
Wind Velocity (Max)	150 MPH
Projected Area	10.6 ft ² (no ice) 18.6 ft ² (with ice)
Lateral Thrust @ 100mph	261 lbs



Elevation Pattern



Azimuth Pattern

