

PTC 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

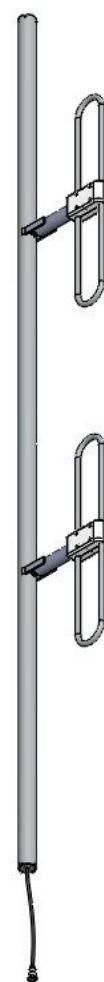
Frequency Range	205-252 MHz
Gain	5 dBd
VSWR (Return Loss)	<1.5:1 (14 dB)
Passive IM 3 rd Order (2x20W)	-150 dBc
Peak Instantaneous Power (PIP)	25 kW
Power Input	500 W
Vertical Beamwidth	37°
Horizontal Beamwidth	178°
Input	7-16 DIN-Female D7 4.3-10 DIN-Female D4 N-Male NM

Mechanical Specifications

Configuration	2 dipoles (2 bays) Single-sided Single section support
Length	138"
Weight	19.0 lbs
Shipping Weight	48.0 lbs
Shipping Dimensions	L 144.0" W 19.5" H 4.5"
Mounting Area	20.0" x 2.375" diam. Aluminum
Suggested Clamps (not included)	PLMTKIT

Environmental Specifications

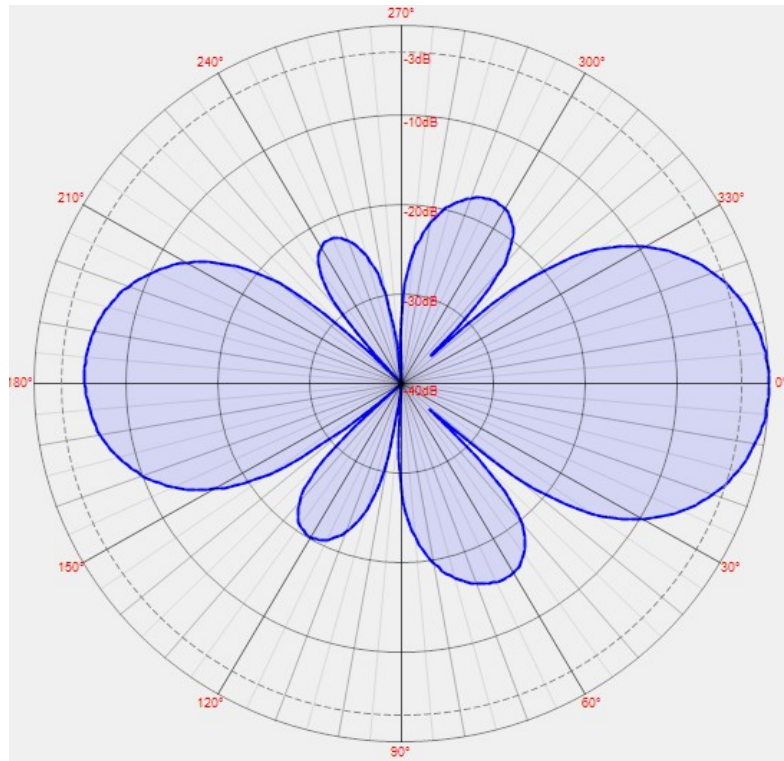
Temperature Range	-40° to 140°F (-40° to 60°C)
Wind Velocity (Max)	150 MPH
Wind Velocity -1/2" Ice (Max)	115 MPH
Projected Area	4 ft ² (no ice) 6.7 ft ² (with ice)
Lateral Thrust @ 100mph	43 lbs



ATC-GD2V2C-**X**

X = Input Connector [D7 for 7-16 DIN(f); D4 for 4.3-10 DIN(f); NM for N-Male]

Standard Elevation Pattern



Azimuth

