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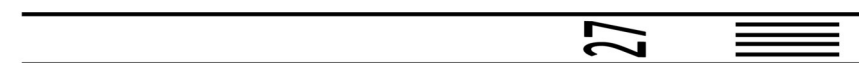


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A photograph showing a close-up of a red-painted metal structure, possibly a wind turbine or weather station, mounted on a tall, silver-colored lattice tower. The structure features a horizontal white rectangular panel and several red metal beams and supports. The background is a clear blue sky with some light clouds.

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Antenna Type:	Directional Beam-Steered Image Glide Slope Antenna
Nomenclature:	Model GP5-A1
Color:	International Orange and White
Coating:	Icephobic
Frequency Range:	329.0 to 335 MHz
Polarization:	Horizontal
Radome Type:	Full Cover-Fiberglass
Reflector Type:	90 Degree Trough and Corner
Maximum Power:	50w CW
Input:	Type N Female Connector
Pattern Type:	Asymmetric
Gain:	> 13 dBd
Beam Displacement:	> 6 Degrees Nominal * See Note
-3 dB Beamwidth:	23 Degrees Nominal
Sidelobe Suppression:	25 dB Nominal
Front-to-Back Ratio:	>21 dB Nominal
Input Impedance:	50 Ohms Nominal
VSWR:	< 1.25 to 1
Distribution Loss:	< 1 dB
Distribution Isolation:	> 22 dB Between Ports
Monitor Impedance:	50 Ohms Nominal
Monitor Output:	Type N Female Connector
Monitor Coupling:	> 20 dB Nominal
Temp Range:	-55 to +75 Degrees C
Lateral Thrust:	1450 N at 160 km/h
Max. Wind Velocity:	200 km/h (incl. 1/2" radial ice)
Length:	2.69 Meters (106 Inches)
Height:	79 CM (31 Inches)
Weight:	34.02 KG Approximate (75 lbs)
Heaters:	Not Needed
NOTE:	Up To An Additional 6 Degree Physical Beam Displacement In Either Direction With Shim Kit

Dipole System: Aluminum.

Material: **Reflector:** Aluminum w/ Icephobic Coating (orange).

Radome: Fiberglass (white).

All Screws and Nuts: Stainless Steel.

Scope of Supply: Antennas w/ Mounting Hardware, Shim Kit & Instruction Manual.

Mounting Hardware: B-Line 304 Stainless Steel Mounting Struts and Components.

Lightning Protection: Antenna is DC Grounded Including Inner Conductors.