

Parabolic antenna JRD-30DD MIMO

Dual-polarized (with connectors) parabolic antenna **JRD-30DD MIMO** is designed for links with MIMO mode at the frequency band 6 GHz. Its design with deep dish increases isolation among antennas on a mast and increases front to back ratio.

Electrical parameters:

Frequency range	5.9 – 7.125 GHz
Gain	30.5 ± 1 dBi
Front to back ratio	≥ 45 dB
Beamwidth_{.3 dB}	4.6°
VSWR	≤ 1.6
Polarization	Linear, vertical/horizontal or 45°

Mechanical parameters:

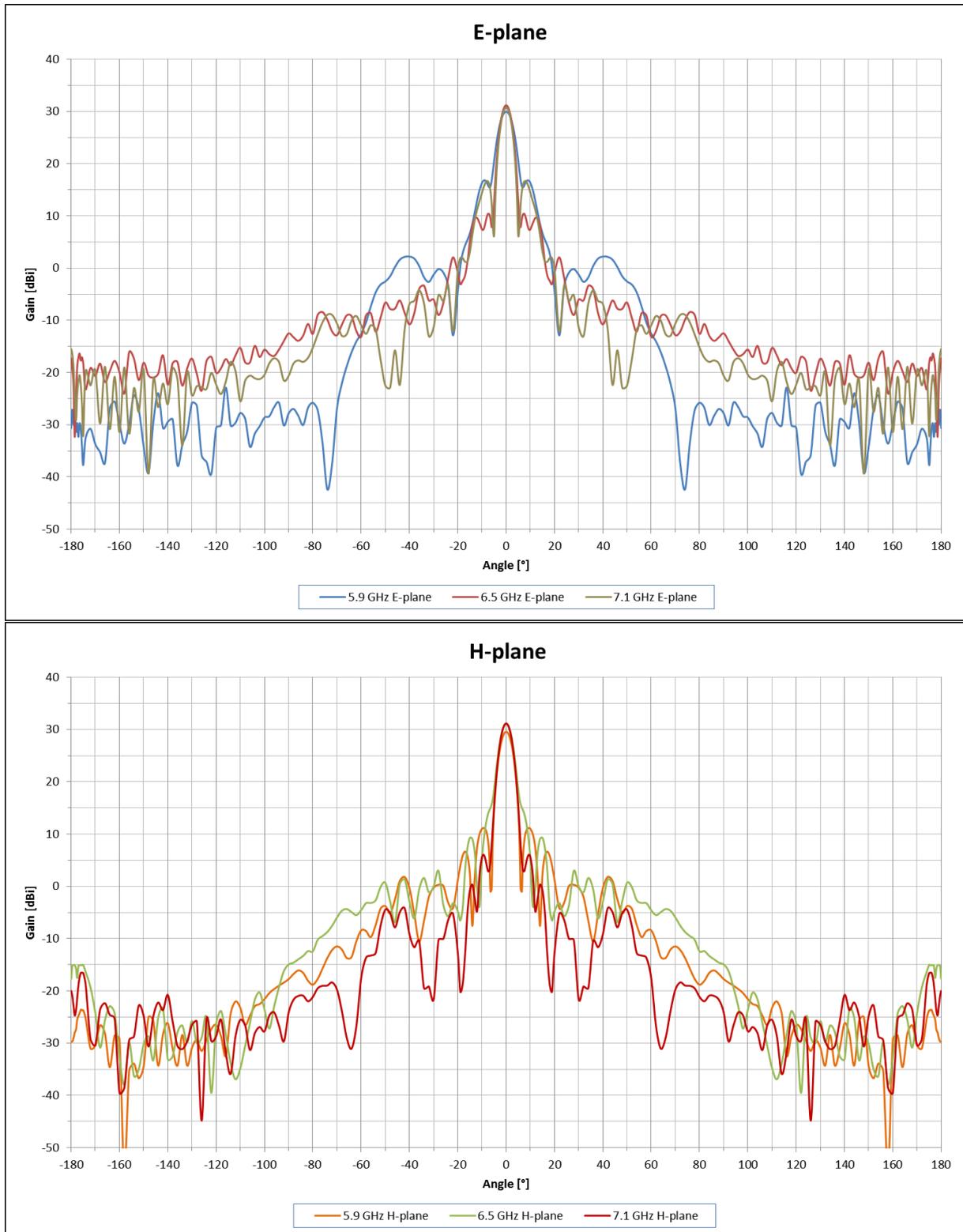
Parabola	∅ 68 cm, Aluminium alloy
Radome	UV steady plastic ABS
Type of connectors	R-SMA or N
Installation on mast	∅ 27 - 74 mm
Weight of antenna	6.1 kg (13.4 lbs.)
Shipping dimension 2 pcs	810 x 790 x 340 mm/ 15.5 kg (34 lbs.)

Usage:

- deep parabola for better parameters
- fine setting elevation
- high wind stability
- reasonable price

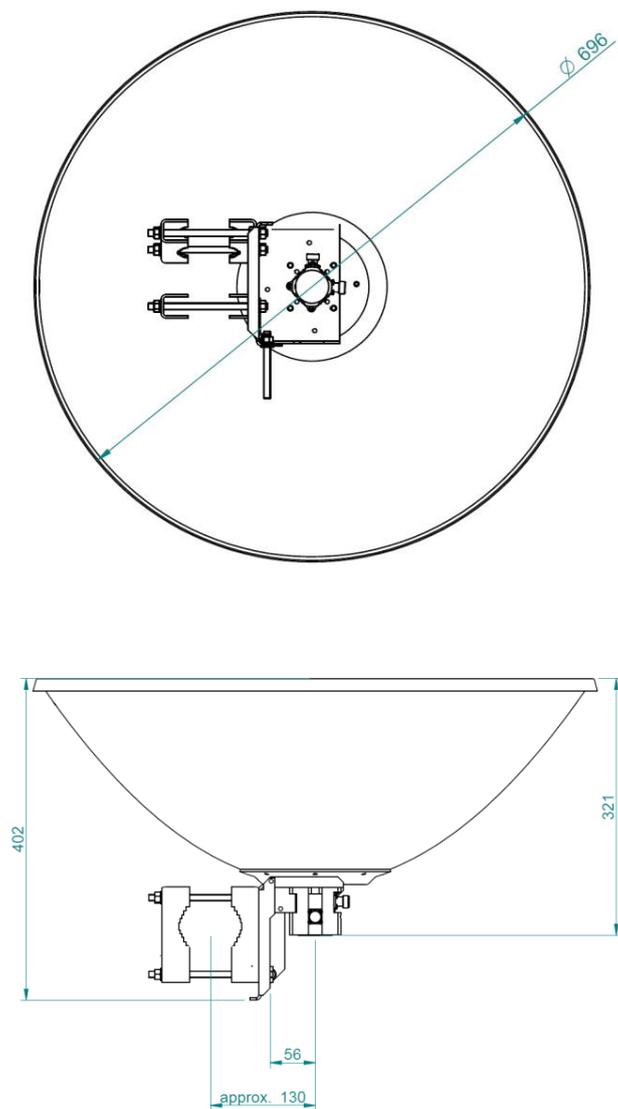
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Measurement of radiation pattern:



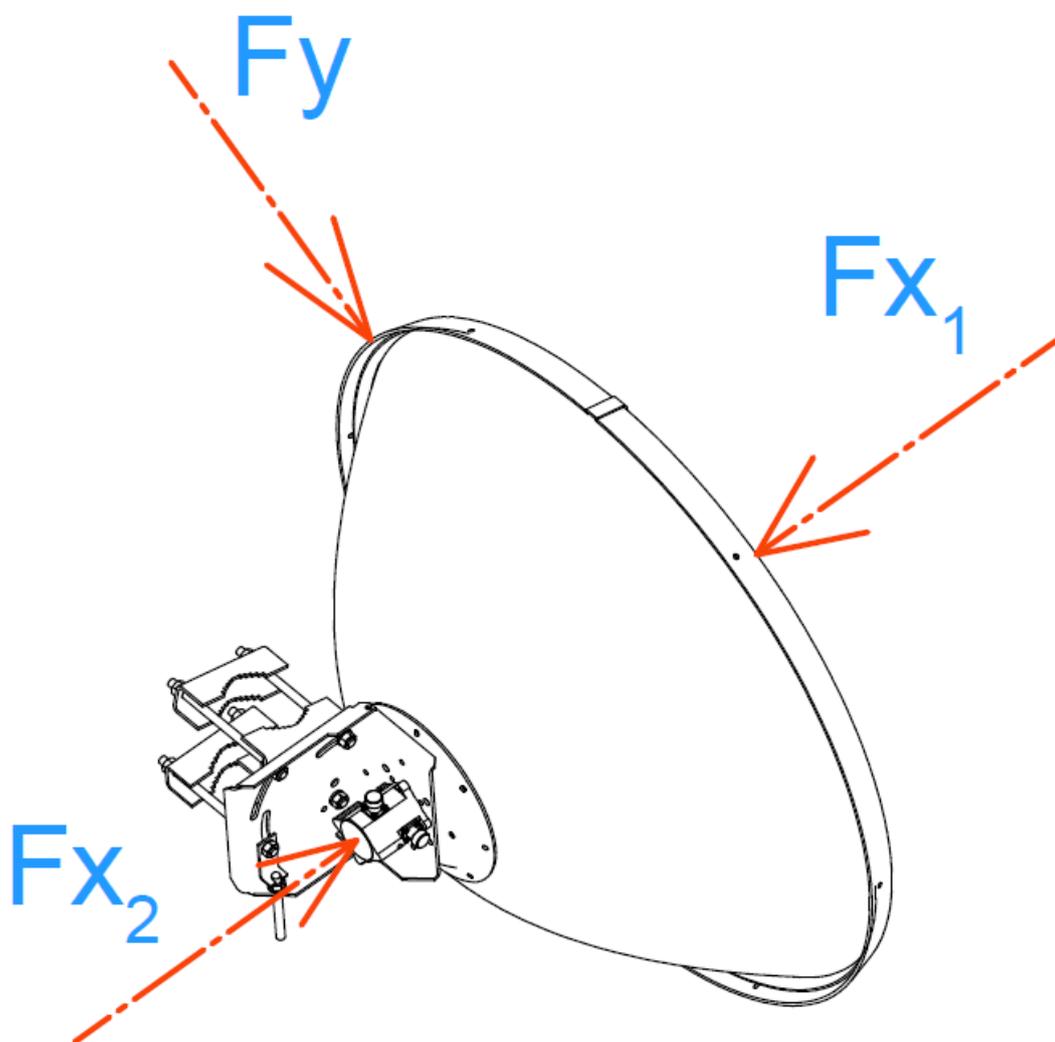
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Outline:



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Wind loading:



Wind Loading 250 km/h [125 mph]		
Direction	Force [N]	Force [lbf]
Fx1	707	159
Fx2	792	178
Fy	71	16