Parabolic antenna JRC-29DD MIMO PriS

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Dual-polarized parabolic antenna **JRC-29 Deep Dish MIMO PriS** is designed for links with dual-polarized **PrismStation radio units** at the frequency band 5 GHz. The antenna is designed for environments with multiple reflections for long and medium distances in difficult conditions. **Its design with deep dish increases isolation among antennas on a mast and increases front to back ratio. The new concept expands the frequency band.**

Other models: **JRC-29DD MIMO** – standard deep dish MIMO antenna
JRC-29DD MIMO Precision – antenna with precision holder JDMW-900 AR
JRC-29DD-SX MIMO – antenna with stainless steel holder for adverse corrosive conditions

Electrical parameters:

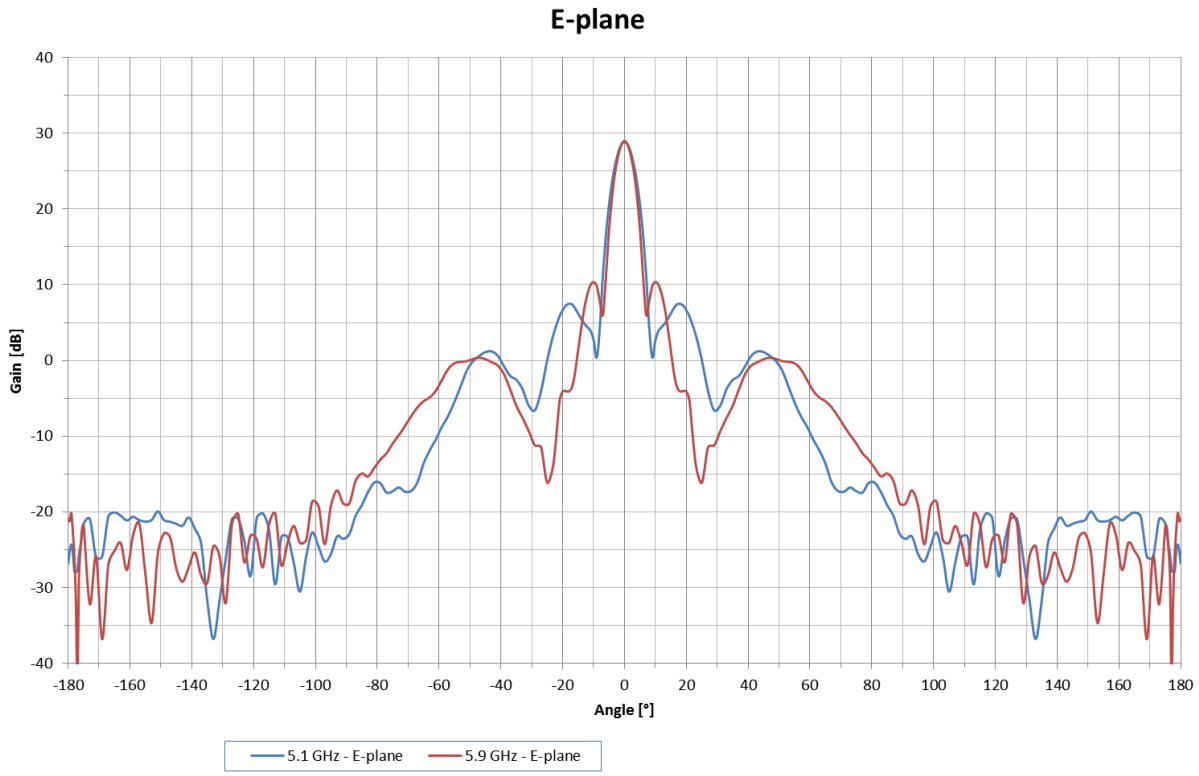
Frequency range	4.9 – 6.4 GHz
Gain	29.0 ± 1 dBi
VSWR 5.1 – 5.9 GHz	≤ 1.4
Beamwidth -3 dB	5.5˚
Front to Back ratio	≥ 49 dB
Polarization	Determined by radio unit

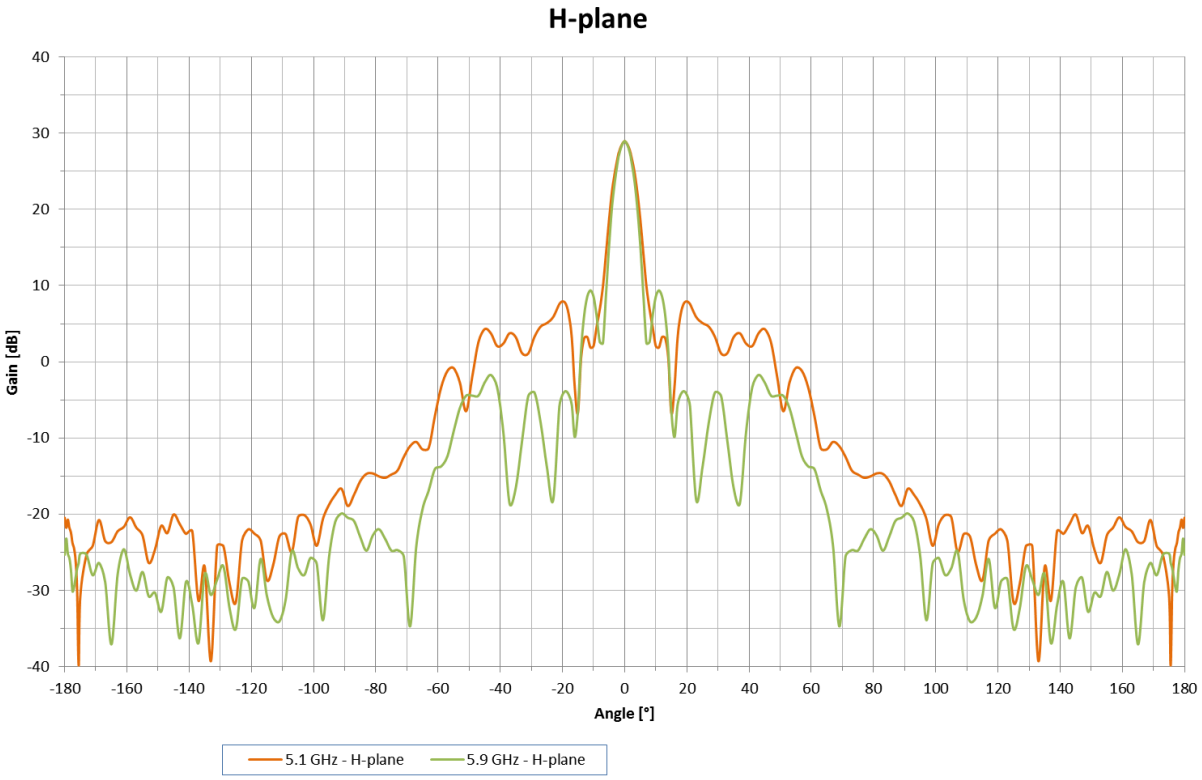
Mechanical parameters:

Parabola	Ø 680 mm, Aluminium alloy
Radome	UV steady plastic ABS
Connection	Waveguide for UBNT PrismStation
Installation for mast	Ø 27 - 74 mm
Weight of antenna	5.8 kg (12.8 lbs.)
Shipping dimensions - 2 pcs	750 x 735 x 285 mm / 13.9 kg (30.6 lbs.)

The antenna has separate latching nuts for easy mounting and adjustment of the azimuth and elevation. Right and left side mounting possible.

Measurement of radiation pattern:





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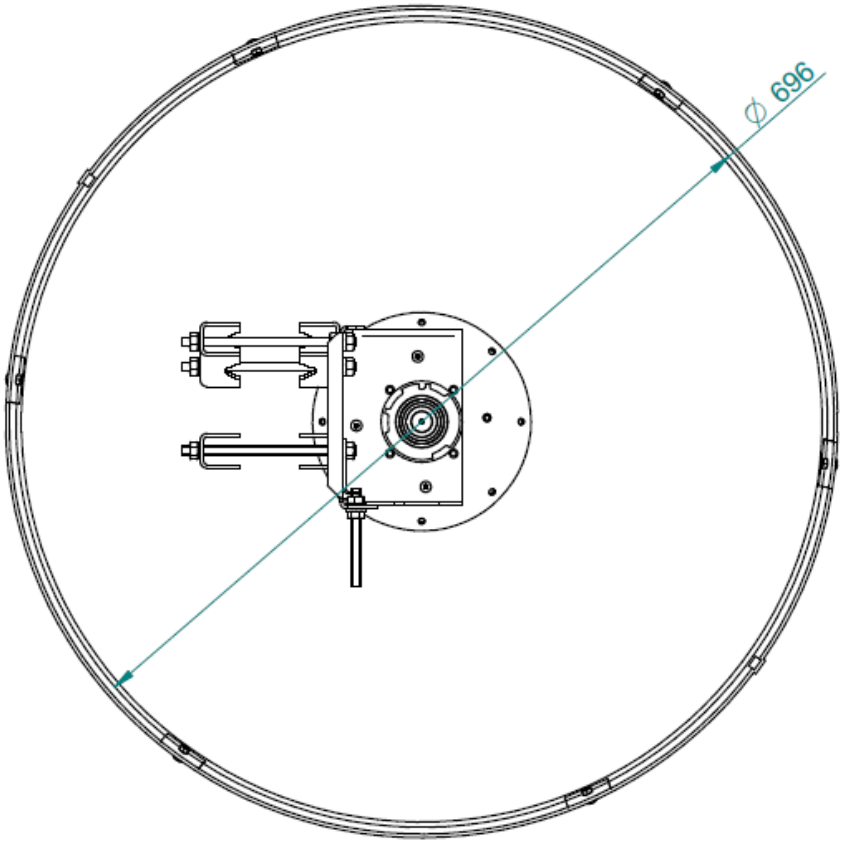
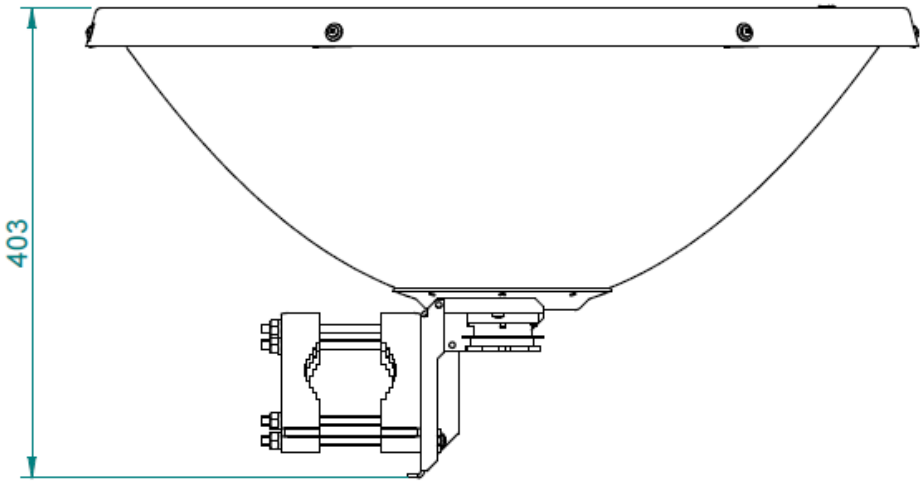
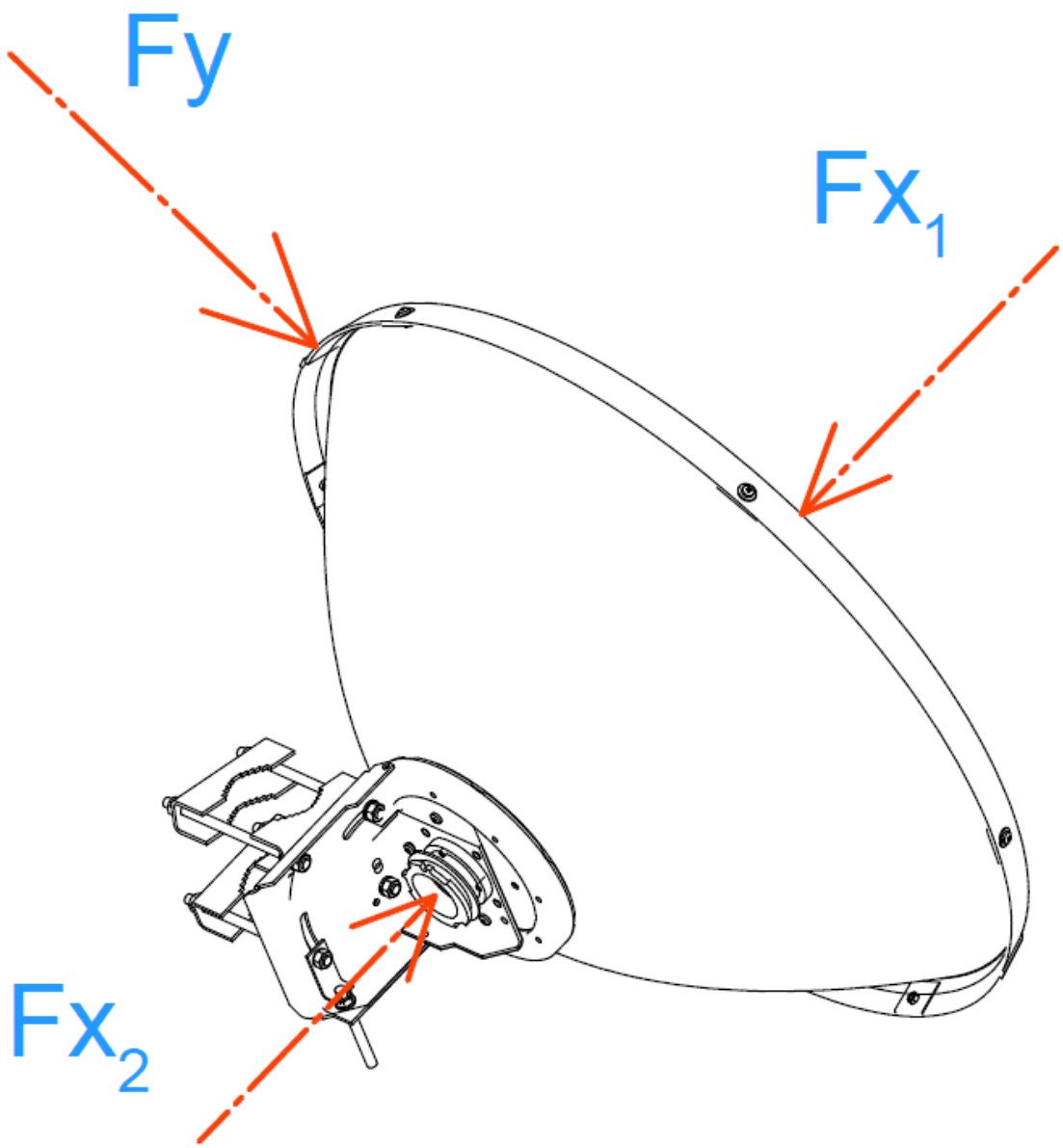
Outline:





Wind loading:



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