Parabolic antenna JRC-29DD MIMO PriS

www.jirous.com

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:

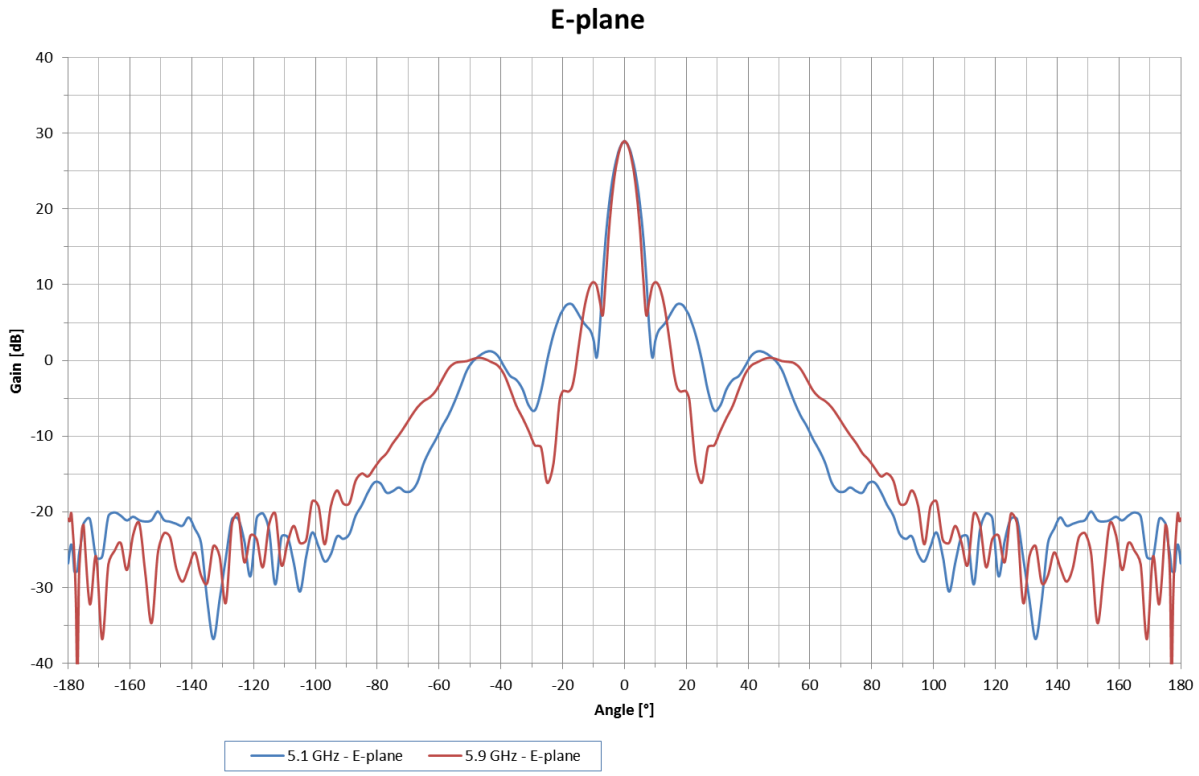
Frequency range	4.9 – 6.4 GHz
Gain	29.0 ± 1 dBi
VSWR 5.1 – 5.9 GHz	≤ 1.4
Beamwidth -3 dB	5.5˚
Front to Back ratio	≥ 49 dB
Polarization	Determined by radio unit

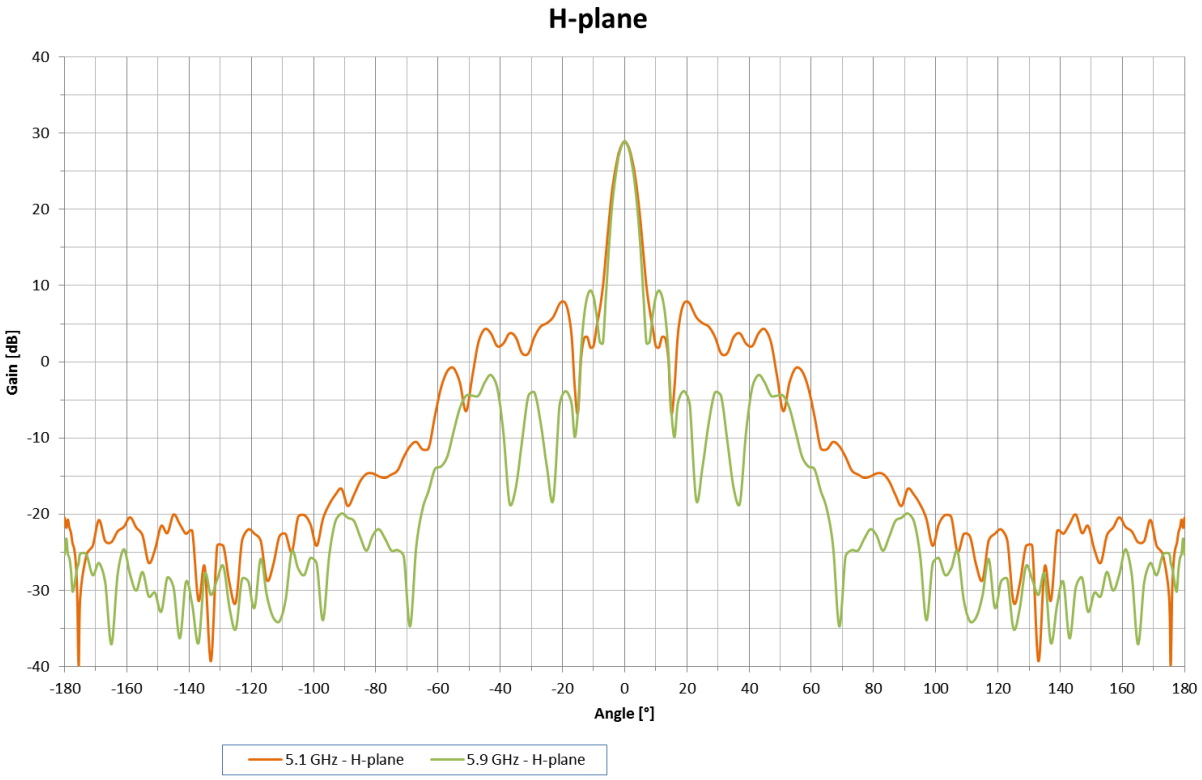
Mechanical parameters:

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	6.1 kg (13.4 lbs.)
Shipping dimensions - 2 pcs	810 x 790 x 340 mm / 15.5 kg (34.2 lbs.)

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

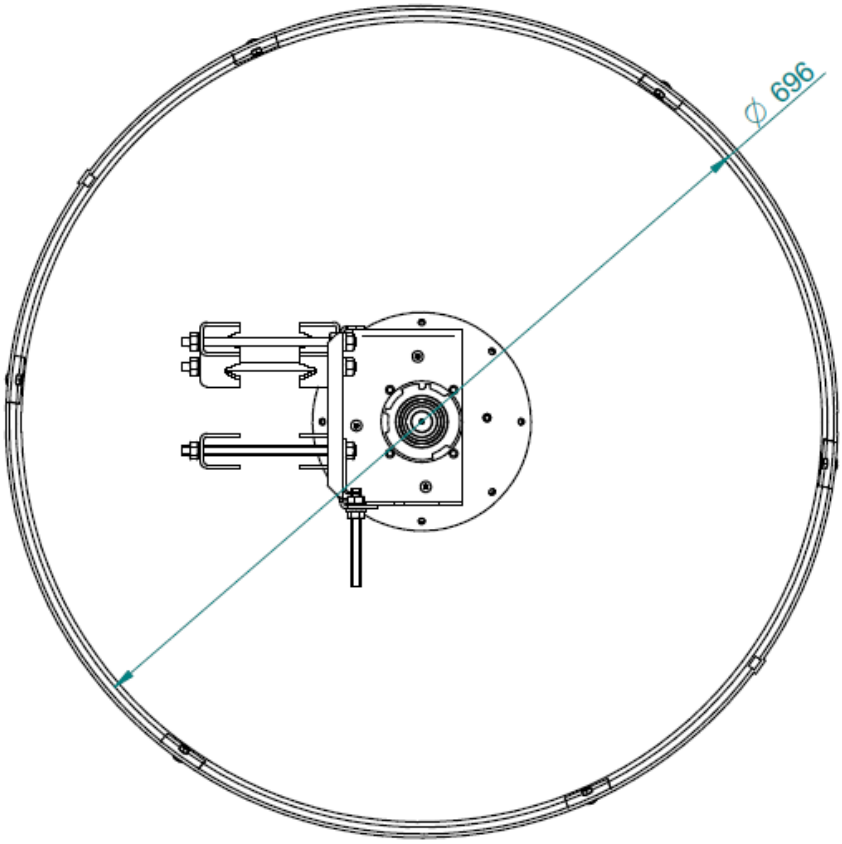
Measurement of radiation pattern:

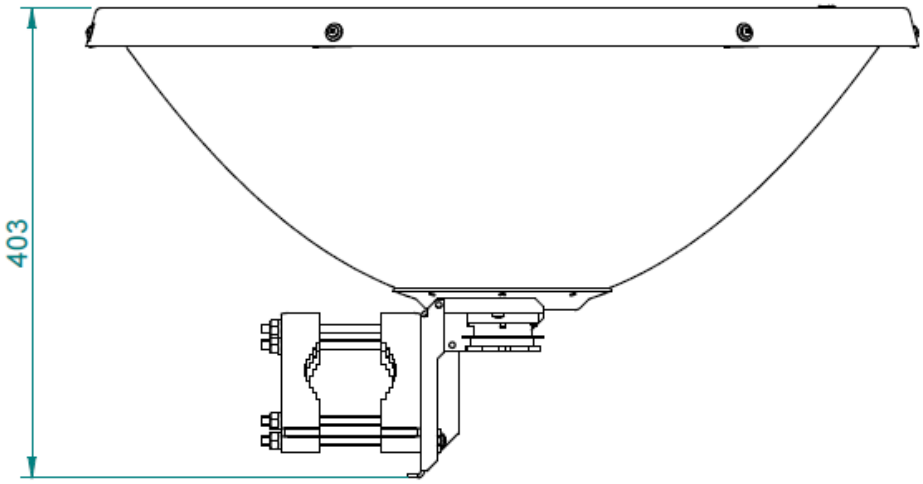




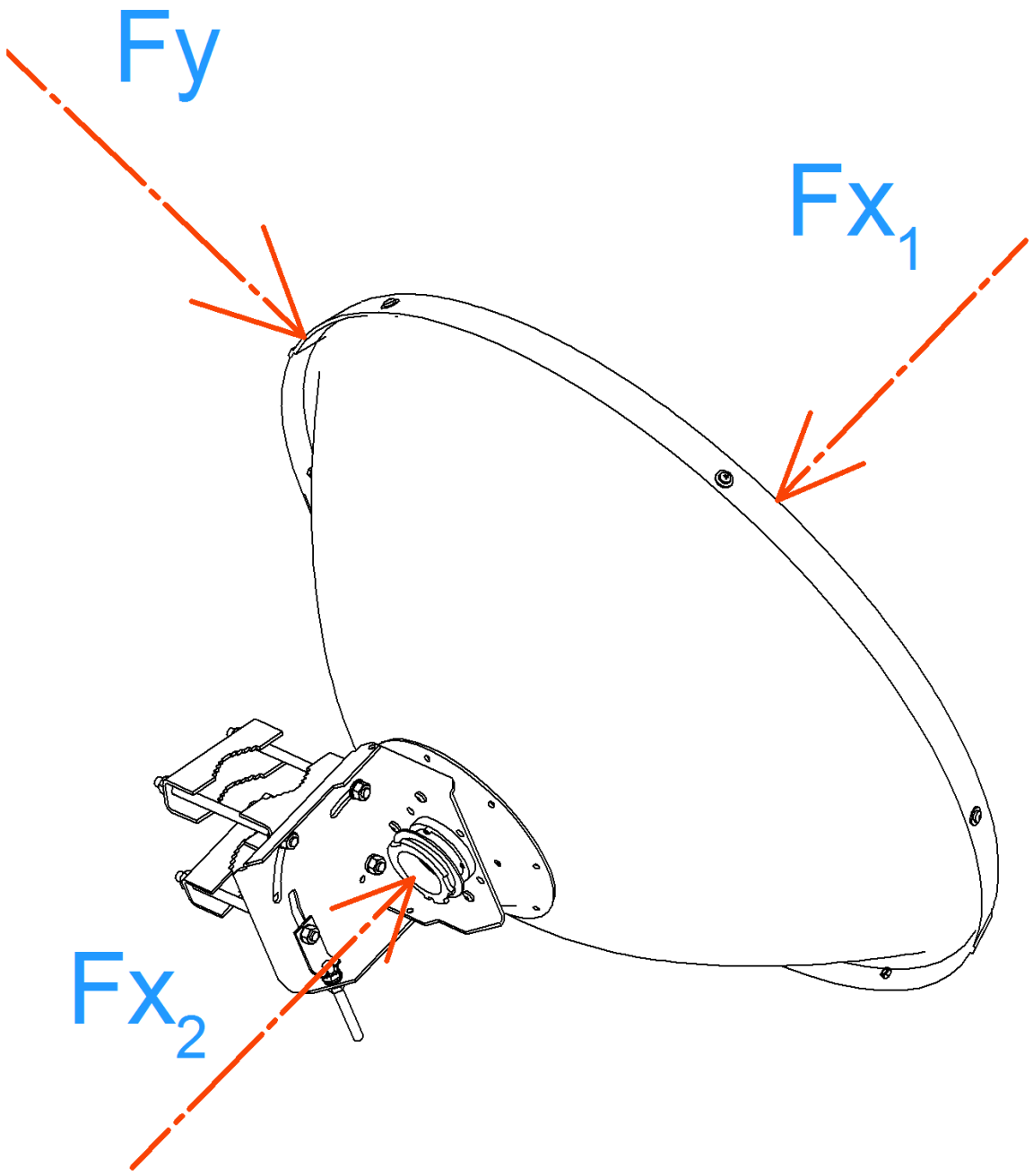
Parabolic antenna JRC-29DD MIMO PriS

Outline:





Wind loading:



Wind Loading at 200 km/h [125 mph]		
Direction	Force [N]	Force [lbf]
Fx1	707	159
Fx2	792	178
Fy	71	16