Parabolic antenna JRC-24DD MIMO PriS

www.jirous.com

Dual-polarized parabolic antenna **JRC-24 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 medium and short 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-24DD MIMO** – standard deep dish MIMO antenna
JRC-24DD MIMO Precision – antenna with precision holder JDMW-900 AR
JRC-24DD-SX MIMO – antenna with stainless steel holder for adverse corrosive conditions

Electrical parameters:

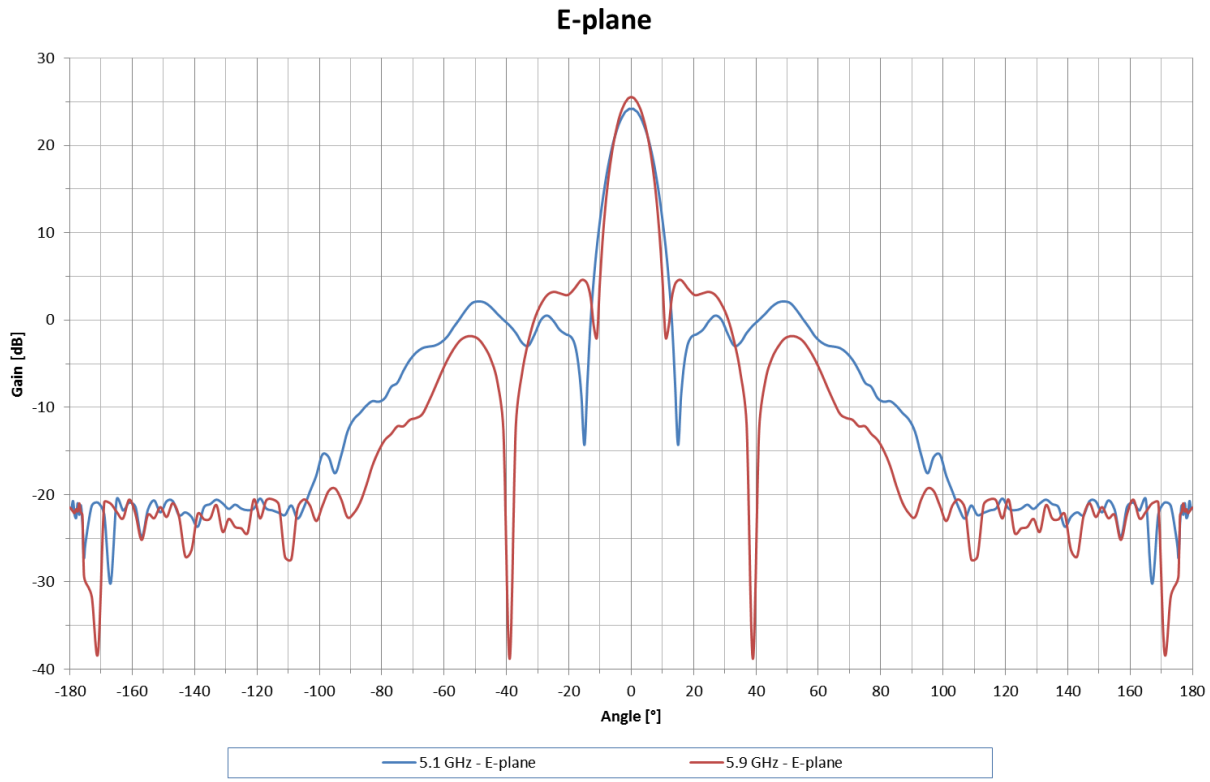
Frequency range	4.9 – 6.4 GHz
Gain	24.5 ± 1 dBi
VSWR	≤ 1.2
Beamwidth -3 dB	9.0˚
Port to port isolation 5.1 – 5.9 GHz	≥ 27 dB (rest of the freq. range ≥ 22 dB)
Front to Back ratio	≥ 44 dB
Polarization	Determined by radio unit

Mechanical parameters:

Parabola	Ø 400 mm, Aluminium alloy
Radome	UV steady plastic ABS
Connection	Waveguide for UBNT PrismStation
Installation for mast	Ø 27 - 74 mm
Weight of antenna	1.7 kg (4.8 lbs.)
Shipping dimensions - 2 pcs	460 x 460 x 190 mm / 4.2 kg (9.3 lbs.)

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

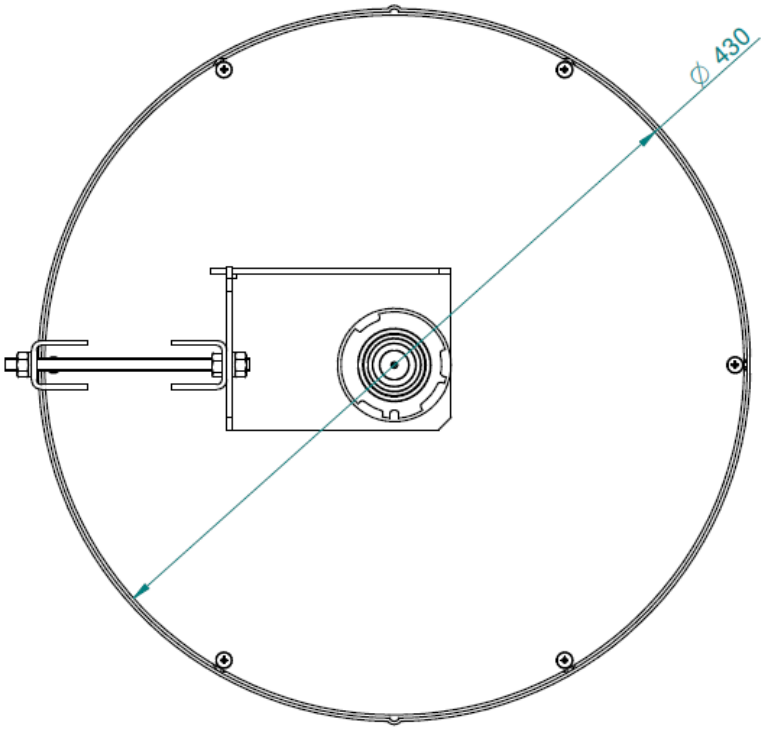
Measurement of radiation pattern:

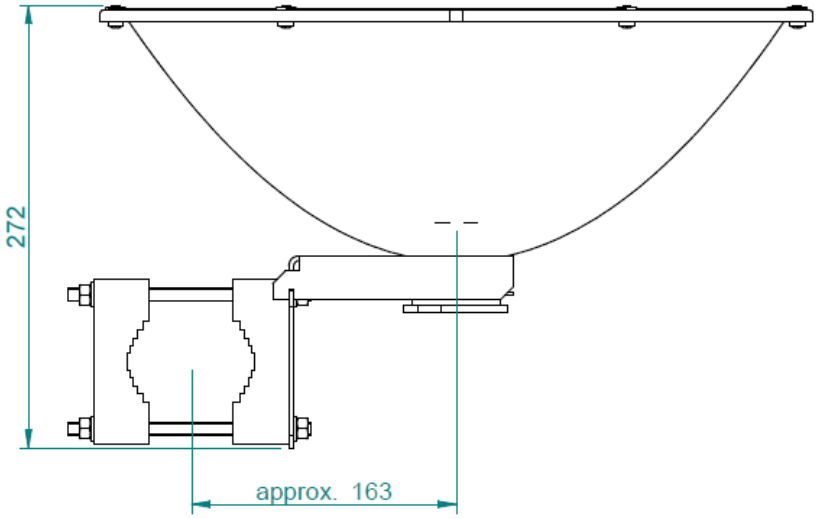




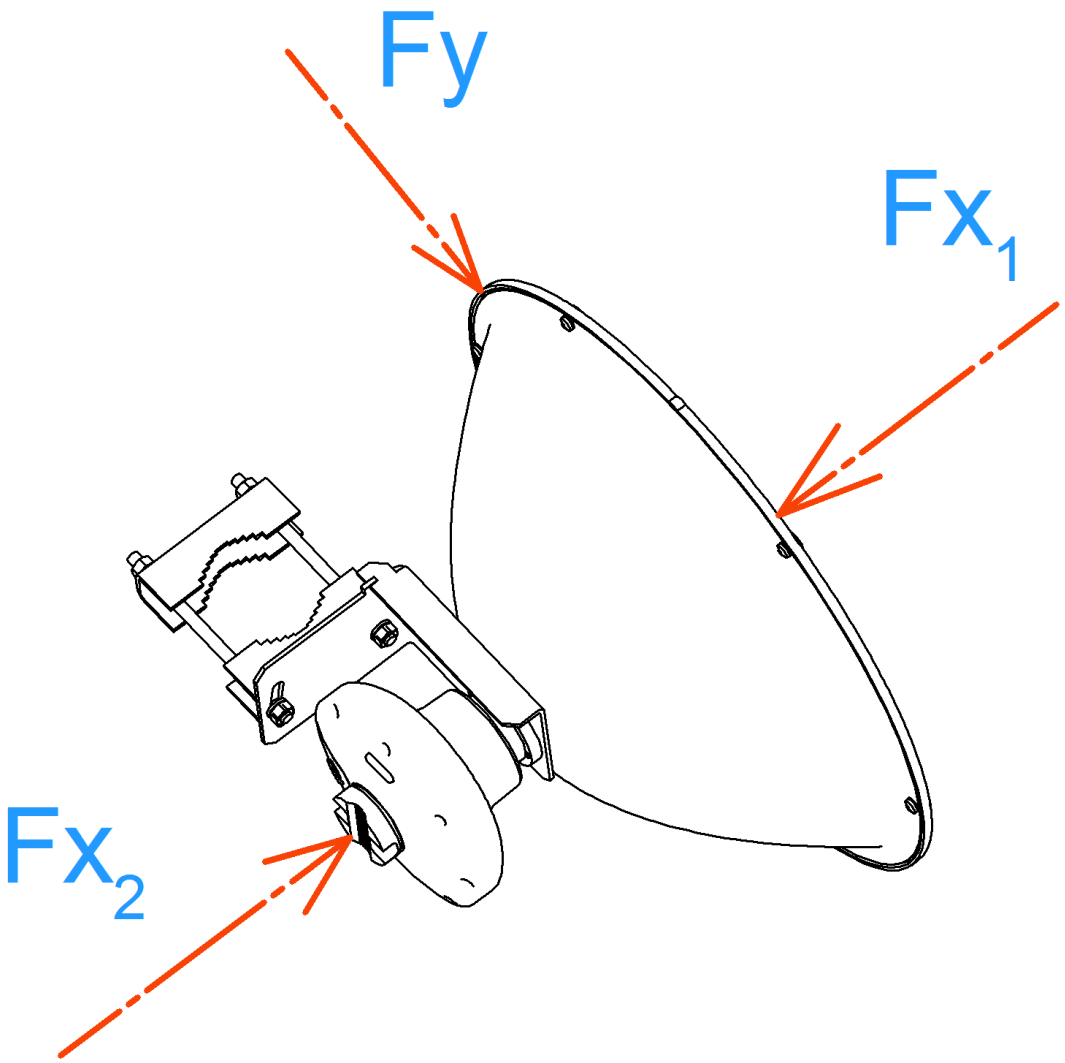
Parabolic antenna JRC-24DD MIMO PriS

Outlines:





Wind loading:



Wind Loading at 200 km/h [125 mph]		
Direction	Force [N]	Force [lbf]
Fx1	344	77,3
Fx2	313	70,4
Fy	17	3,8