

Parabolic antenna JRC-35 MIMO

Dual-polarized parabolic antenna **JRC-35 MIMO** is designed for directional links at the frequency band 5 GHz. It has deep reflector dish and massive bracket which allows precise adjustment in both directions. Whole antenna system with bracket has extreme wind stability.

Electrical parameters:

Frequency range	5.45 – 5.85 GHz
Gain	34.0 ± 0.6 dBi
Beamwidth_{-3 dB}	3.1°
VSWR	≤ 1.4
Front to Back ration	≥ 53 dB
Polarization	Vertical / Horizontal

Mechanical parameters:

Parabola	∅ 1200 mm, Aluminium alloy
Cover	UV steady plastic ABS
Type of connector	N-female, R-SMA
Installation for mast	∅ 80 - 120 mm ∅ 60 - 80 mm – with adjustable wind bracing set
Operating wind load	
- without wind bracing	110 km/h (68 mph)
- with wind bracing	140 km/h (87 mph)
Survival wind load	210 km/h (130 mph)
Weight of antenna	16.5 kg (36.37 lbs.)
of antenna bracket	14.9 kg (32.85 lbs.)
Shipping dimensions – 1 pcs	1300 mm x 800 mm x 1430 mm
Shipping dimensions – 2 pcs	1300 mm x 1100 mm x 1430 mm

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The antenna is supplied together with a massive bracket that allows easy mounting on a mast. Bracket can be installed separately and subsequently can be simply hang up the antenna into it. Antenna bracket allows fine setting elevation $\pm 15^\circ$ and azimuth $\pm 7^\circ$. It is possible mounting to right and left side. We recommend wind bracing set (optional accessories, Fig. 3) for mounting to the adverse weather conditions. **It is necessary to use an adjustable wind bracing kit** (optional accessories, Fig. 4) for mounting on the mast with **diameter 60 to 80 mm**.

Outline:

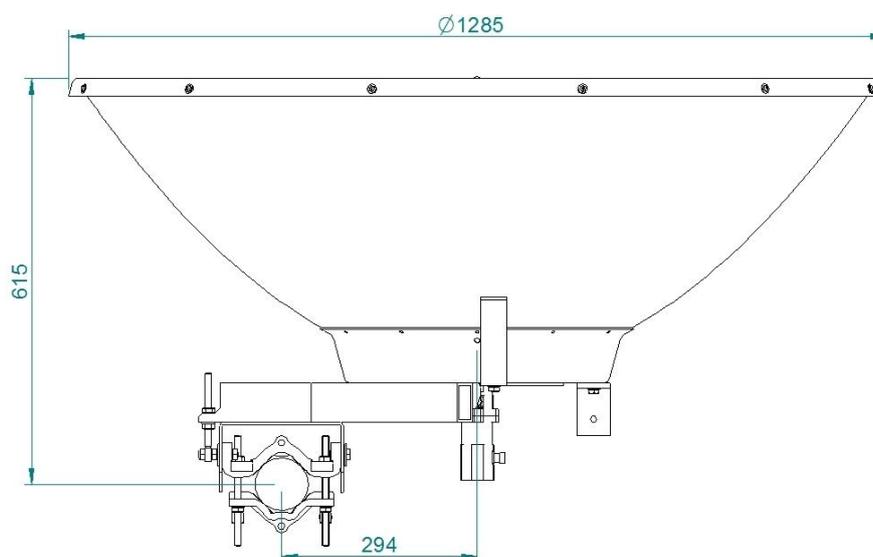


Fig. 1 Antenna dimensions

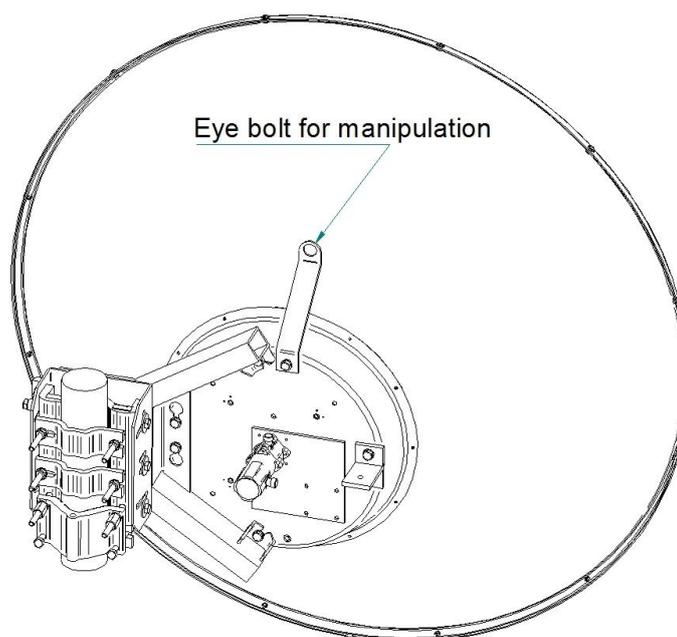


Fig. 2 Antenna with massive bracket (left side)

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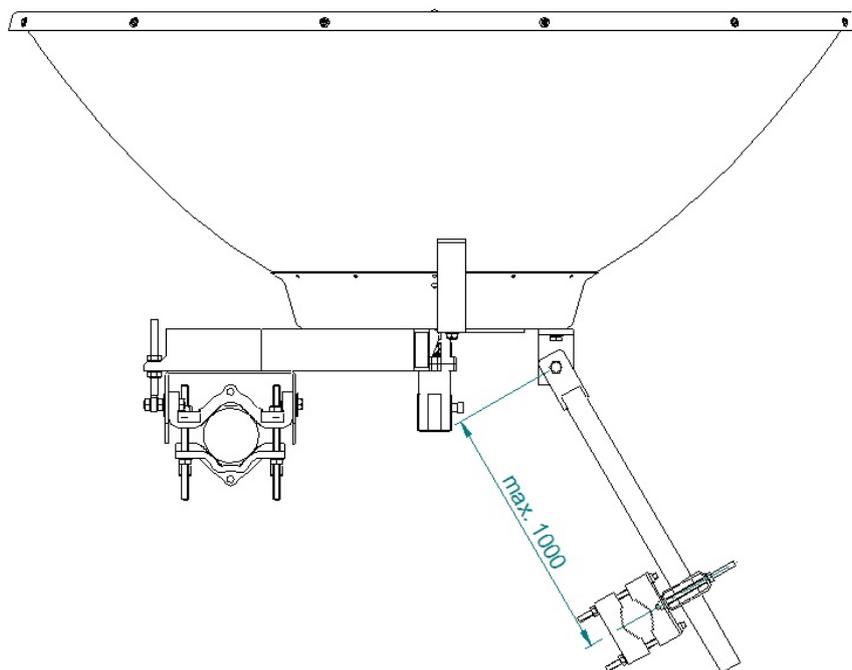


Fig. 3 Antenna with wind bracing kit (top view)

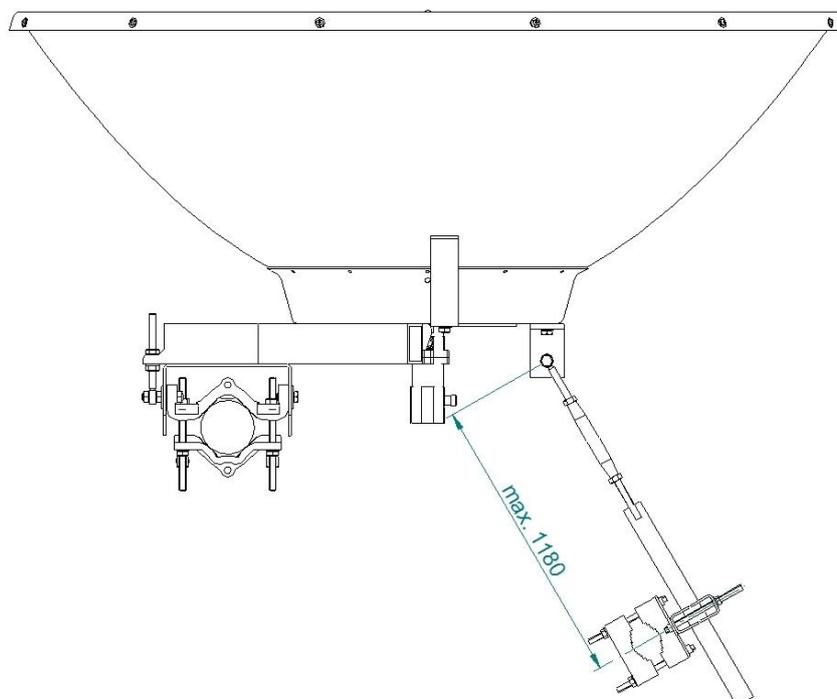


Fig. 4 Antenna with adjustable wind bracing kit (top view)