

Parabolic antenna JRC-32 MIMO

Dual-polarized parabolic antenna **JRC-32 MIMO** is designed for directional links with MIMO mode at the frequency band 5 GHz. The antenna is designed for environments with multiple reflections for long and medium distances.

Electrical parameters:

Frequency range	5.45 – 5.85 GHz
Gain	32.2 ± 0.6 dBi
Beamwidth _{-3 dB}	4.1°
VSWR	≤ 1.5
Isolation between connectors	28 dB
Front to Back ration	≥ 52 dB
Polarization	Vertical / Horizontal

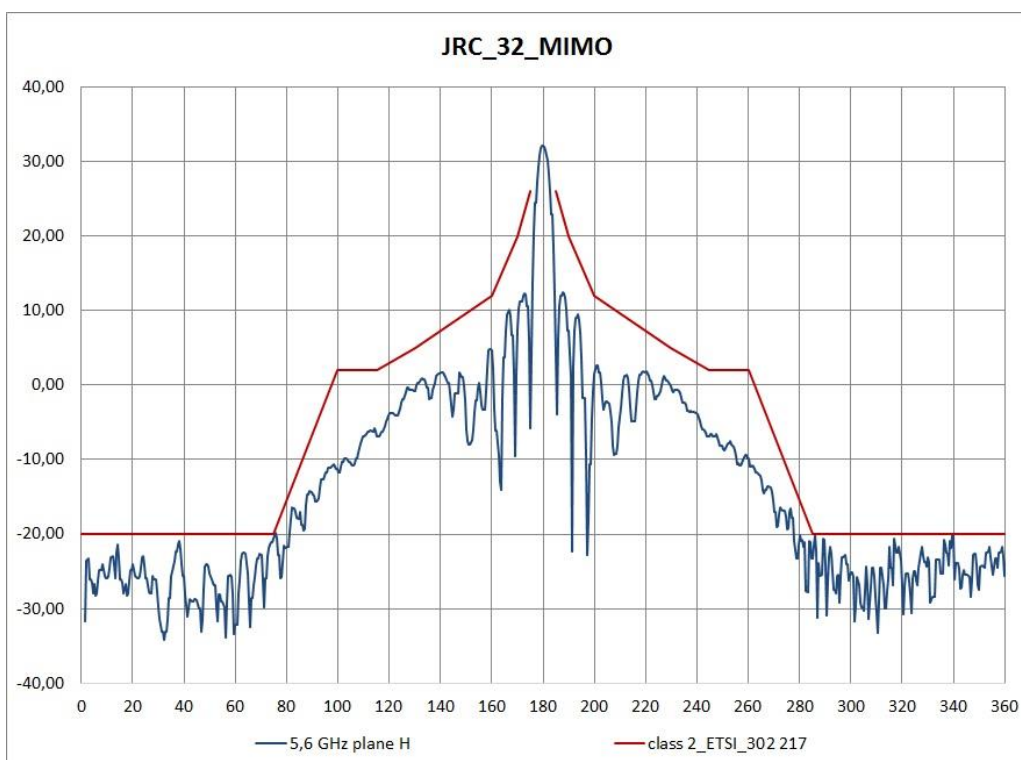
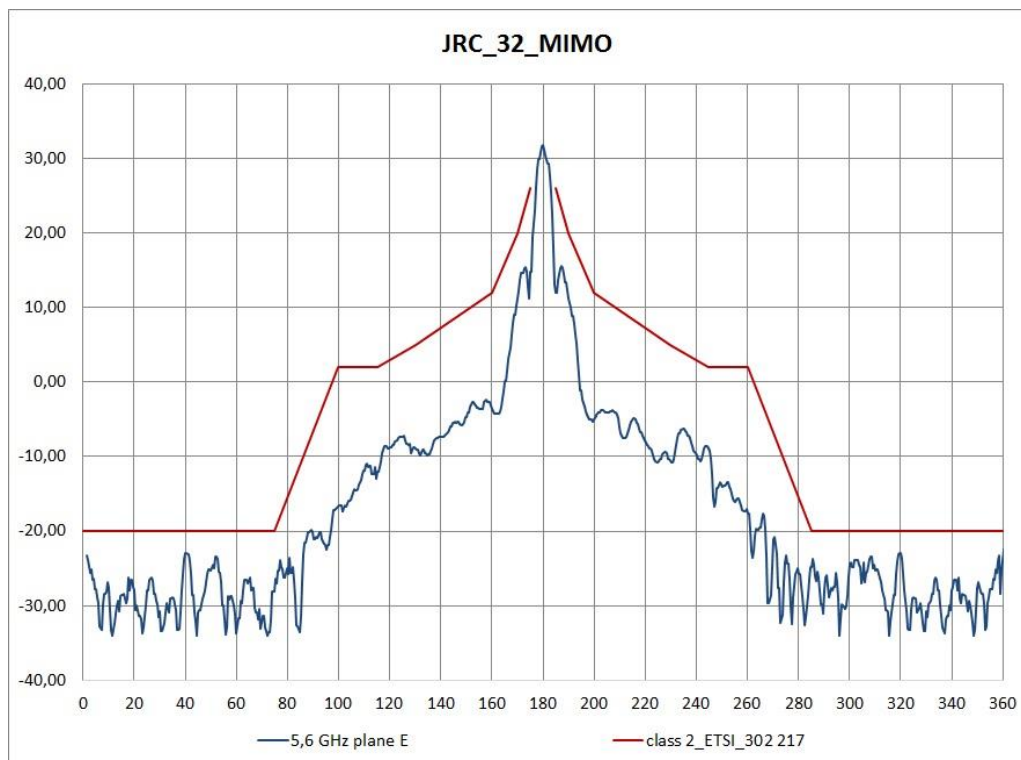
Mechanical parameters:

Parabola	ø 900 mm, Aluminium alloy
Cover	UV steady plastic ABS
Type of connector	N – female, R-SMA
Installation for mast	Ø 40 - 74 mm
Weight of antenna (1pcs)	19.2 kg
Shipping dimensions (1pcs)	995 mm x 995 mm x 545 mm

The antenna has deep reflector dish which ensures high front to back ratio and increased isolation between antennas on the mast and thus less interference between links. Bracket allows fine setting elevation ± 15°. Part of the bracket is wind bracing, which can be used for fine adjustment of the azimuth. We recommend mounting on the mast with minimal Ø 70 mm in the areas with the occurrence of the adverse weather conditions. The antenna can be used in combination with an outdoor box GentleBOX JR – 200 for AP, RouterBOARDS and other electronics or with bracket GentleCLIP for easy installation of Rocket M5 or other devices with the same clipped system.

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Measurements of radiation pattern:



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Outline:

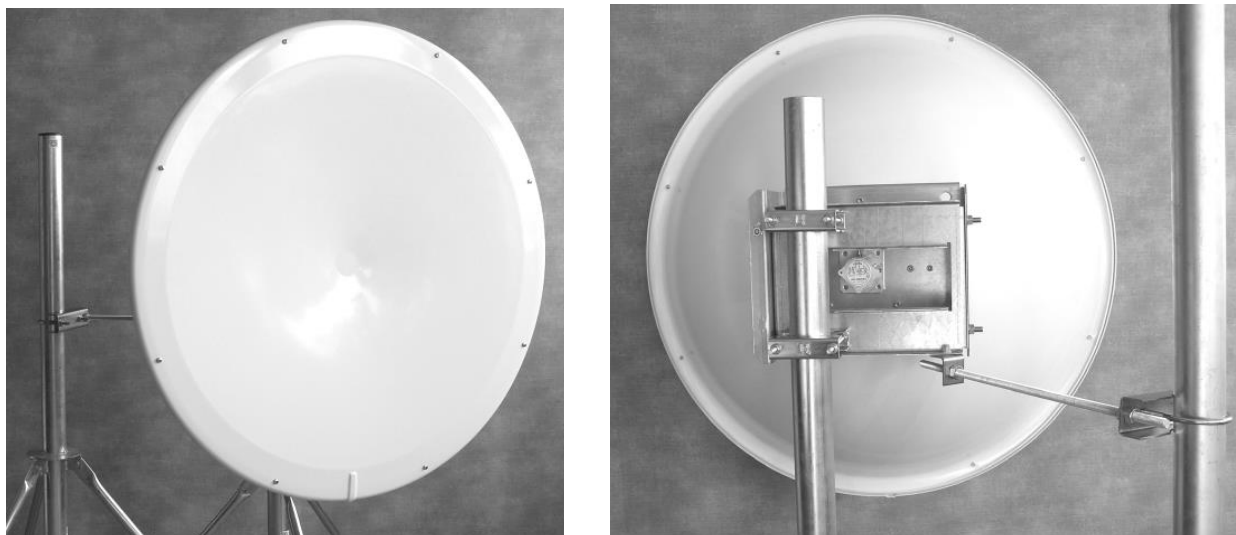


Fig. 1 Basic antenna design

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Fig. 2 Use of antenna with GentleBOX and GentleClip