

Parabolic antenna JRMA - 650 -10/11

Antenna JRMA – 650 – 10/11 is designed for microwave links at the frequency bands 10 and 11 GHz. Precise performance is complying with standard ETSI EN 302-217-4-2 class 2. Whole antenna system with bracket JDMW-900 has extreme wind stability.

Electrical parameters:

Frequency range	10.1 – 11.7 GHz
Gain – Low band	34.1 ± 0.5 dBi
Gain – High band	35.5 ± 0.5 dBi
Beamwidth_{-3 dB}	3.4° (low band) 2.9° (high band)
Return loss (VSWR)	≥ 18 dB (≤ 1,3)
Polarization	Vertical / Horizontal
ETSI standard	EN 302-217-4-2 v1.3.1 Class 2

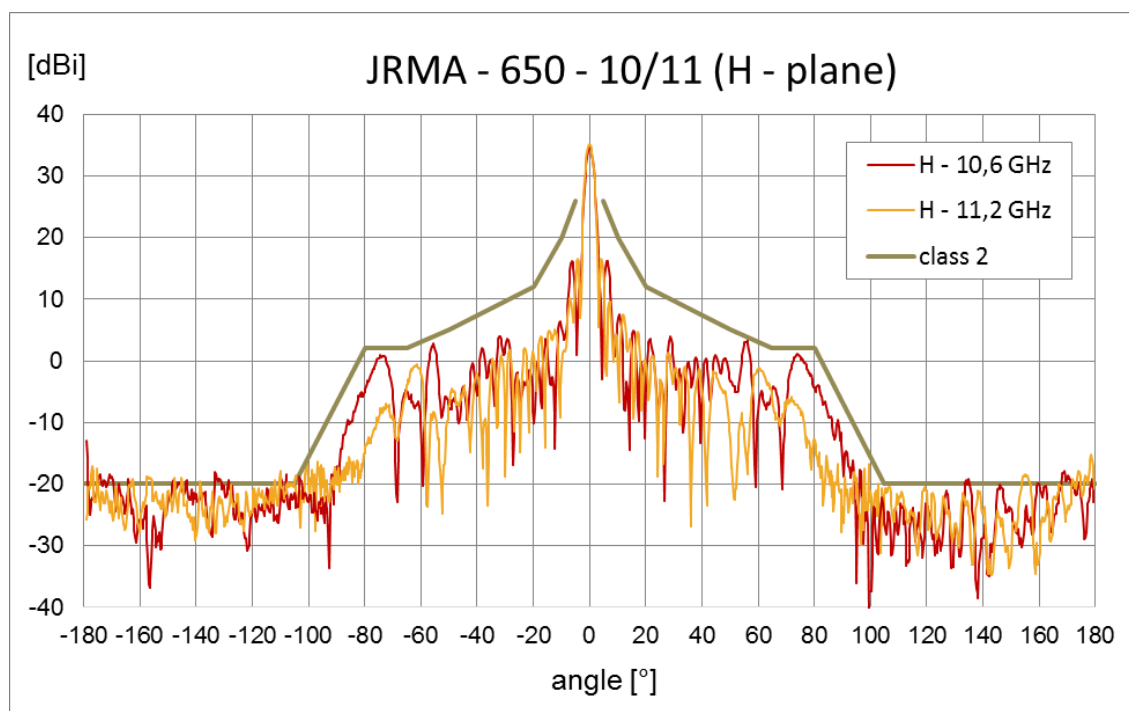
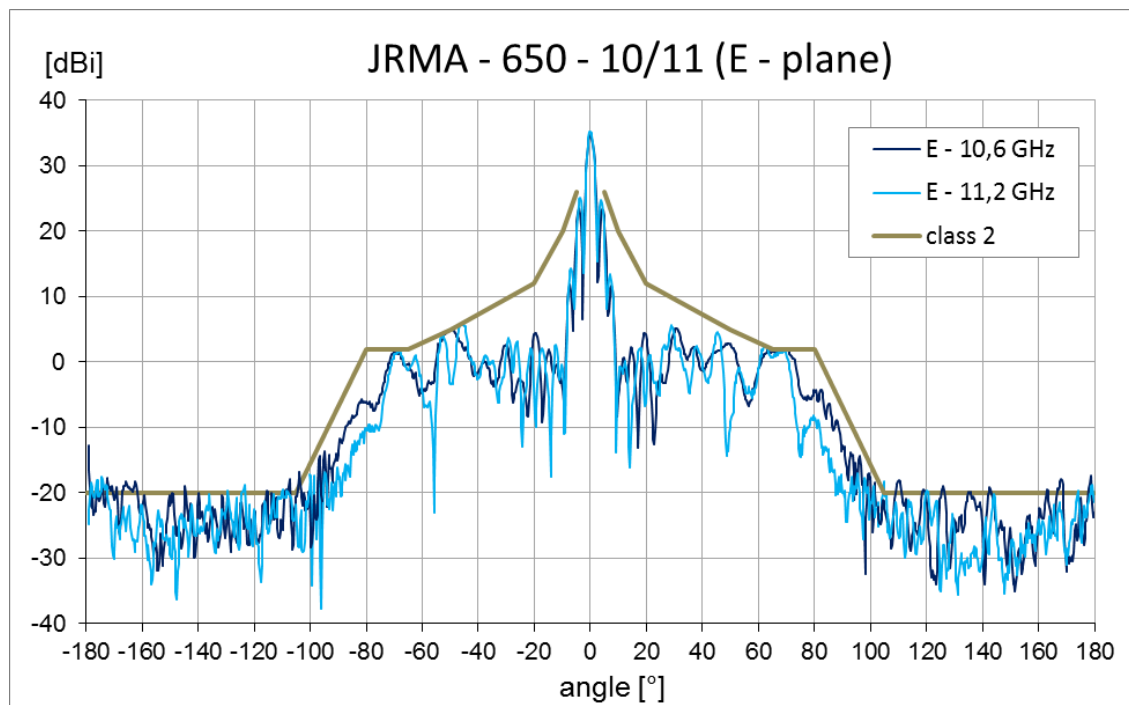
Mechanical parameters:

Parabola	ø 650 mm, Aluminium alloy
Cover	UV steady plastic ABS
Input / output	Circle waveguide 19 mm
Installation for mast	Ø 40 - 120 mm
Operating wind load	180 km/h
Survival wind load	240 km/h
Weight of antenna	9.7 kg (21.38 lbs.)
of bracket	3.5 kg (7.7 lbs.)
Shipping dimensions	790 mm x 790 mm x 515 mm

The antenna is supplied together with a bracket that allows easy mounting on a mast. Bracket can be installed separately on the mast. Subsequently, you can simply hang up the antenna with microwave unit into it. Bracket allows fine setting elevation (of gradient) and azimuth ± 20°. It is possible to mount to right and left side.

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Measurements of radiation pattern:



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Outline:

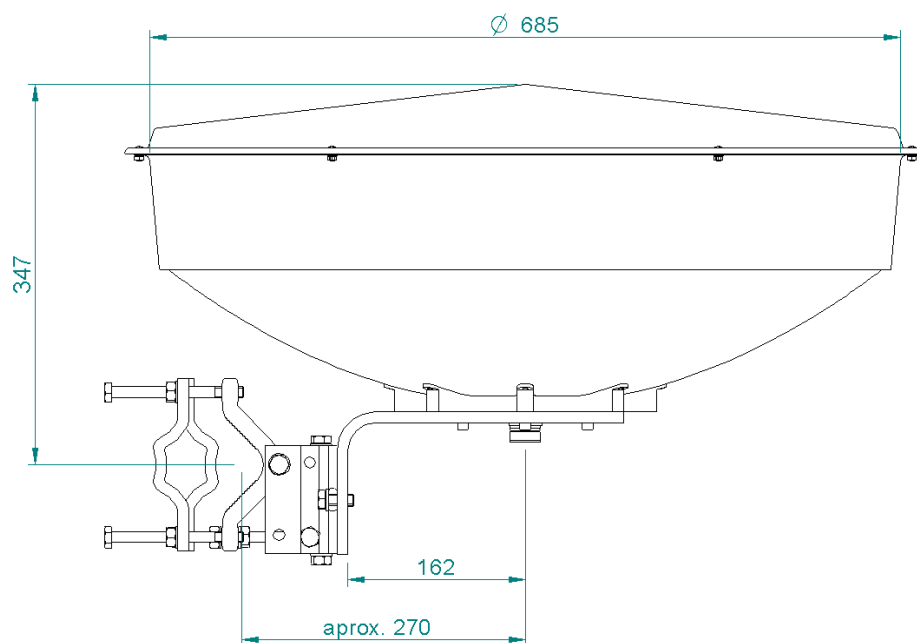


Fig. 1 Antenna dimensions

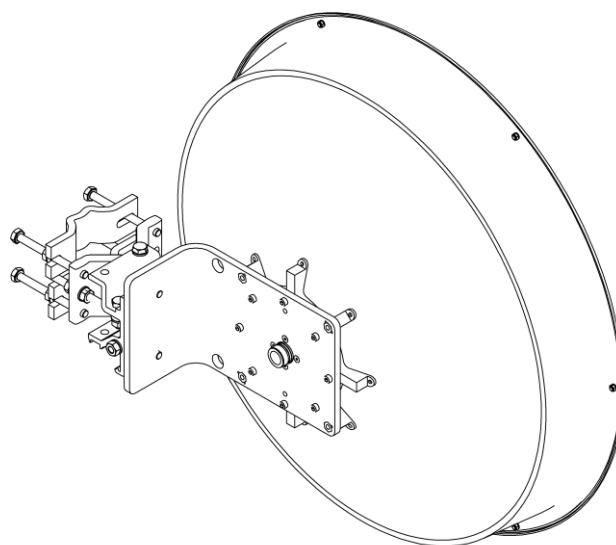


Fig. 2 Antenna with massive holder (back side)