

### Directional Antenna, 10 to 11.7 GHz, 37 dBi, 90 cm, (3 feet) Solid Dish

Solid Dish antenna 90 cm (3 feet) with 37 dBi gain at 10-11.7 GHz band, heavy duty mounting kit is included.

QAD1137-90 SDW has deep reflector dish and massive bracket which allows precise adjustment in both directions. Whole antenna system has extreme wind stability.



## Radio Specifications

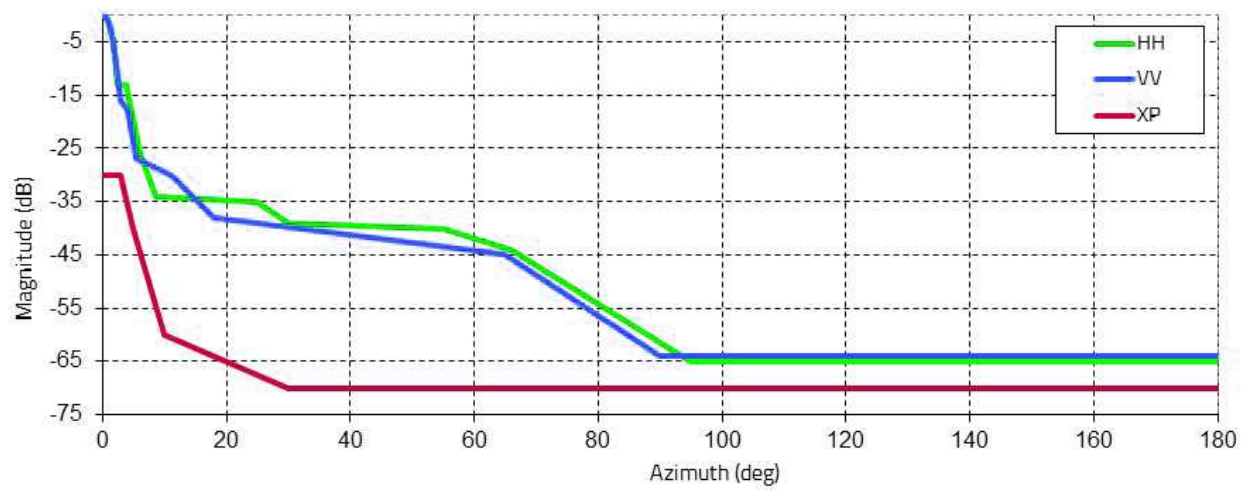
Frequency range	10 – 11.7 GHz
Gain	37.2 ± 0.5 dBi
Front to back ratio	64 dB
Beamwidth-3 dB	2.0°
Polarization	Vertical / Horizontal
Return loss (VSWR)	16.5 dB ( 1.35:1)
Cross-polar discrimination	30 dB

## Mechanical Specifications

Size	90 cm (3 ')
Depth	535 mm
Radome material	UV Stabilized PC Flat
Output Flanges	PDR100/PBR100/UBR100/PBR120/UBR120
Mast size allowed	50 - 120 mm
Operational wind load	50 m/s (180 km/h)
Survival wind load	70 m/s (250 km/h)
Antenna weight (Incl. Mounting Kit)	16.6 Kg
Pack options	6 pack / 2 pack

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. We recommend mounting on the mast with minimal Ø 70 mm in the areas with the occurrence of the adverse weather conditions. Bracket allows fine setting elevation (of gradient) and azimuth ± 20°. It is possible to mount to right and left side.

## Radiation Patterns:



## Outline Dimensions:

