

Directional Antenna, 4.8 to 6.1 GHz, 33 dBi, 90 cm, (3 feet) Solid Dish

Solid Dish antenna 90 cm (3 feet) with 33 dBi gain at 4.8 to 6.1 GHz band.

Heavy duty mounting kit with precision alignment features is included.

QAD0533-90 SD combines wide frequency range and high gain and provides a perfect choice for establishing long range links at an affordable cost.



Radio Specifications

Frequency range	4.8 – 6.1 GHz
Gain	33 dBi
Side lobe level	ETSI EN 3-302-326 DN-1DN5
Front to back ratio	44.6 dB
Beamwidth-3 dB	3.2°
Polarization	Dual linear V and H
Cross Polarization	28 dB (Max) 35 dB (Typical)
VSWR	1.4:1
Port to Port Isolation	32 dB (Max) 45 dB (Typical)

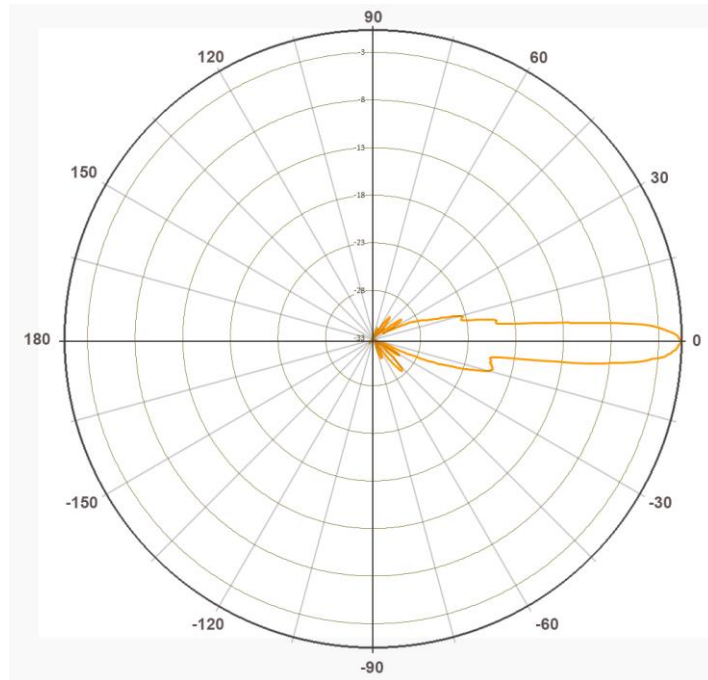
Mechanical Specifications

Parabola material	Aluminum Alloy
Size	90.0 cm (3 ')
Depth	24.8 cm
Input/output	Dual N-Type
Mast size allowed	25 - 60 mm
Operational wind load	125 km/h (78 mph)
Survival wind load	180 km/h (111 mph)
Antenna weight	5.0 Kg (11.0 lbs.)
Mounting Kit weight	4.5 Kg (9.9 lbs.)
Pack options	2 pack / 12 Pack

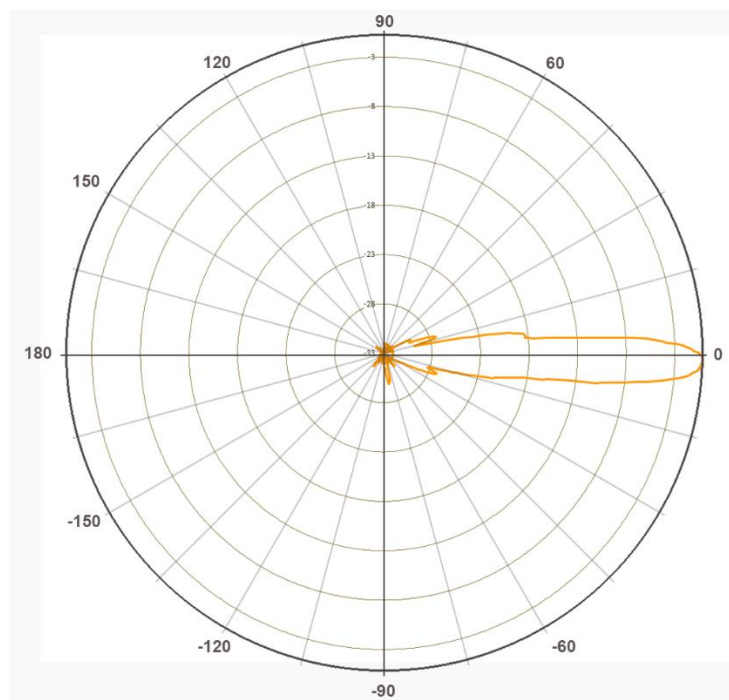


The antenna is supplied together with a bracket that allows easy mounting on a mast. Bracket can be installed separately on the mast. It come with a versatile bracket which allows precise adjustment in both directions. Whole antenna system has extreme wind stability.

Radiation Patterns:



E-Plane Pattern (QAD 0533 - 90 SD)



H-Plane Pattern (QAD 0533 - 90 SD)

Outlines:

