

Directional Antenna, 4.8 to 6.1 GHz, 31 dBi, 75 cm, (2 ½ feet) Solid Dish

Solid Dish antenna 75 cm (2 ½ feet) with 31 dBi gain at 4.8 to 6.1 GHz band.

Heavy duty mounting kit with precision alignment features is included.

QAD0531-75 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	31 dBi
Side lobe level	ETSI EN 3-302-326 DN-1DN5
Front to back ratio	36 dB
Beamwidth-3 dB	3.5°
Polarization	Dual linear V and H
Cross Polarization	29 dB (Max) 35 dB (Typical)
VSWR	1.4:1
Port to Port Isolation	32 dB (Max) 45 dB (Typical)

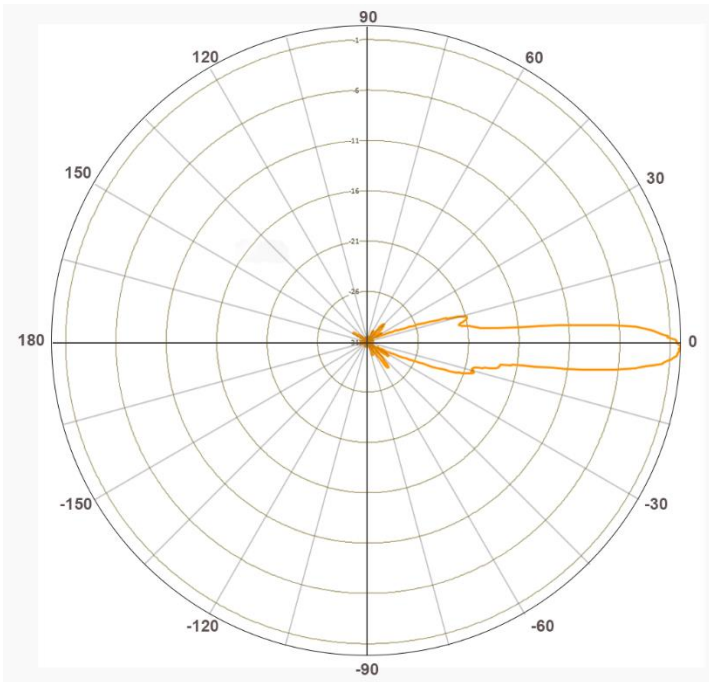
Mechanical Specifications

Parabola material	Aluminum Alloy
Size	75.0 cm (2 ½ ')
Depth	24.8 cm
Input/output	Dual N-Type
Mast size allowed	25 - 60 mm
Operational wind load	130 km/h (80 mph)
Survival wind load	200 km/h (124 mph)
Antenna weight	3.5 Kg (7.71 lbs.)
Mounting Kit weight	3 Kg (6.61 lbs.)
Pack options	2 pack / 12 Pack

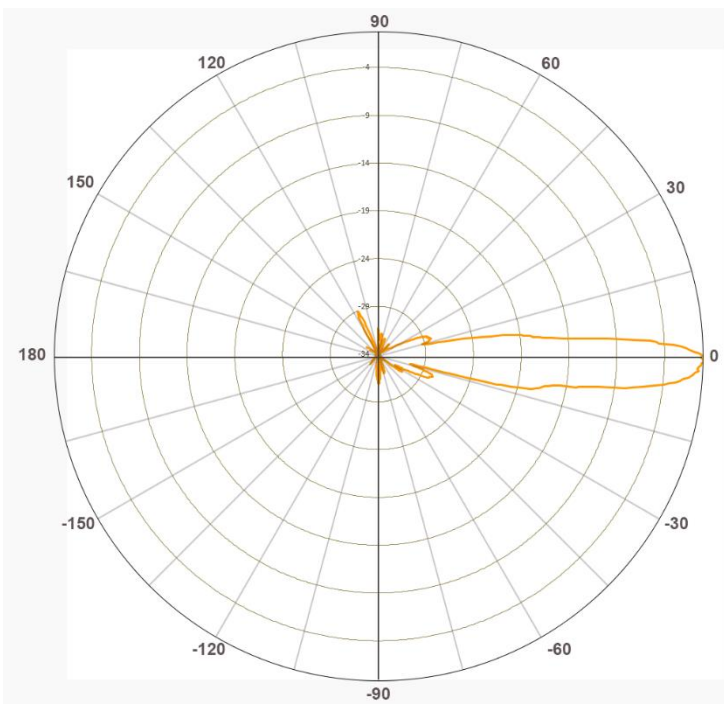


The antenna is supplied together with a bracket that allows easy mounting on a mast. Bracket can be installed separately on the mast. It come with a versatile bracket which allows precise adjustment in both directions. Whole antenna system has extreme wind stability.

Radiation Patterns:



E-Plane Pattern (QAD 0531 - 75 SD)



H-Plane Pattern (QAD 0531 - 75 SD)



Outlines:

