

# High Gain Reflector Antenna

2.4 – 2.5 GHz

Product Code: GRID-A0005

VERSION: 1.4



## SPECIFICATIONS:

<b>Electrical:</b>	
Frequency	2.4 – 2.5 GHz
VSWR	< 2:1
Nominal input impedance	50 Ω
Feed power handling	250 W
Gain	23 dBi
E-plane 3 dB beamwidth	10°
H-plane 3 dB beamwidth	8°
Polarisation	Linear, adjustable vertical and horizontal
<b>Mechanical:</b>	
Weight	6 kg (including bracket)
Dimensions (w x h x l)	910 mm x 710 mm x 450 mm
Connector	N-type female
Mounting	Adjustable bracket
<b>Environmental: designed to meet the following specifications</b>	
Wind speed	160 km/h
Temperature range	-30 °C to +70 °C
Vibration	MIL-STD-810E, method 514.4, cat.1
Shock load	30 g (15 ms) x, y and z direction
Water ingress rating	IP 65 (NEMA 4X)

## PRODUCT FEATURES:

- 250 W continuous power handling
- Reduced wind loading
- Gain 23 dBi over the operating band
- High directivity

## APPLICATIONS:

- Monitoring and high-power transmitting.

## PRODUCT DESCRIPTION:

The GRID-A0005 is a high gain reflector antenna that has been designed for high-power transmitting as well as monitoring applications.

Polarisation is adjustable between vertical and horizontal via the mounting bracket.

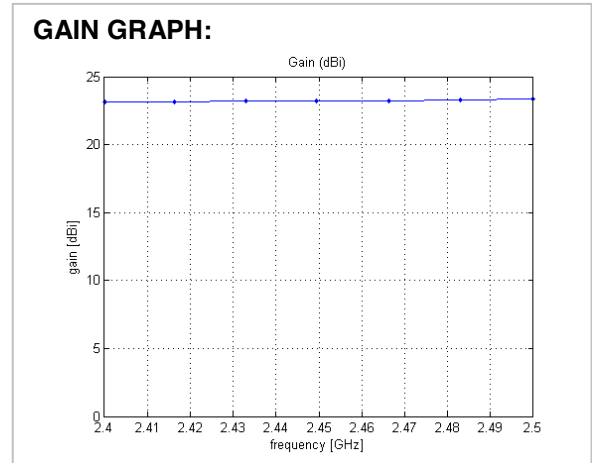
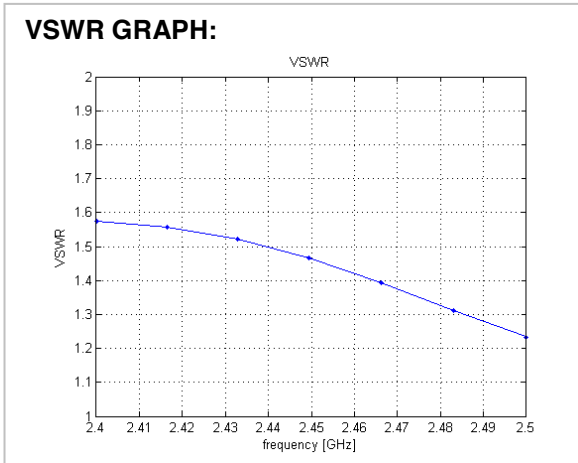
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## ELECTRICAL PERFORMANCE CURVES:



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