

5G Parabolic Antenna Grid Pack With N Female Connector

Part No:GL4252G26-0609

1. Introduction

The 5G full band Grid parabolic antenna is designed for the spread spectrum system. It is our most tested and trusted antenna for the 5G networks.

The large grids provide an unmatched front-to-back ratio and tight receiving angle, Wide Band Operation, Vertically Polarized. Extremely Rugged for Extreme Environment.

which cut down background interference to provide an ultra clean signal. This is extremely important

as a cleaner signal will allow the modem to negotiate a more complex (and faster) method of modulation.

This antenna is suitable for all city areas and rural areas, as they only operate on 5G frequencies.

Dimension is in compliance with the plot of feed reflector. Which ensure the antenna works in the best state.

This antenna high gain, long range, light weight, compact structure and good command in wind resistance.



2. Specification

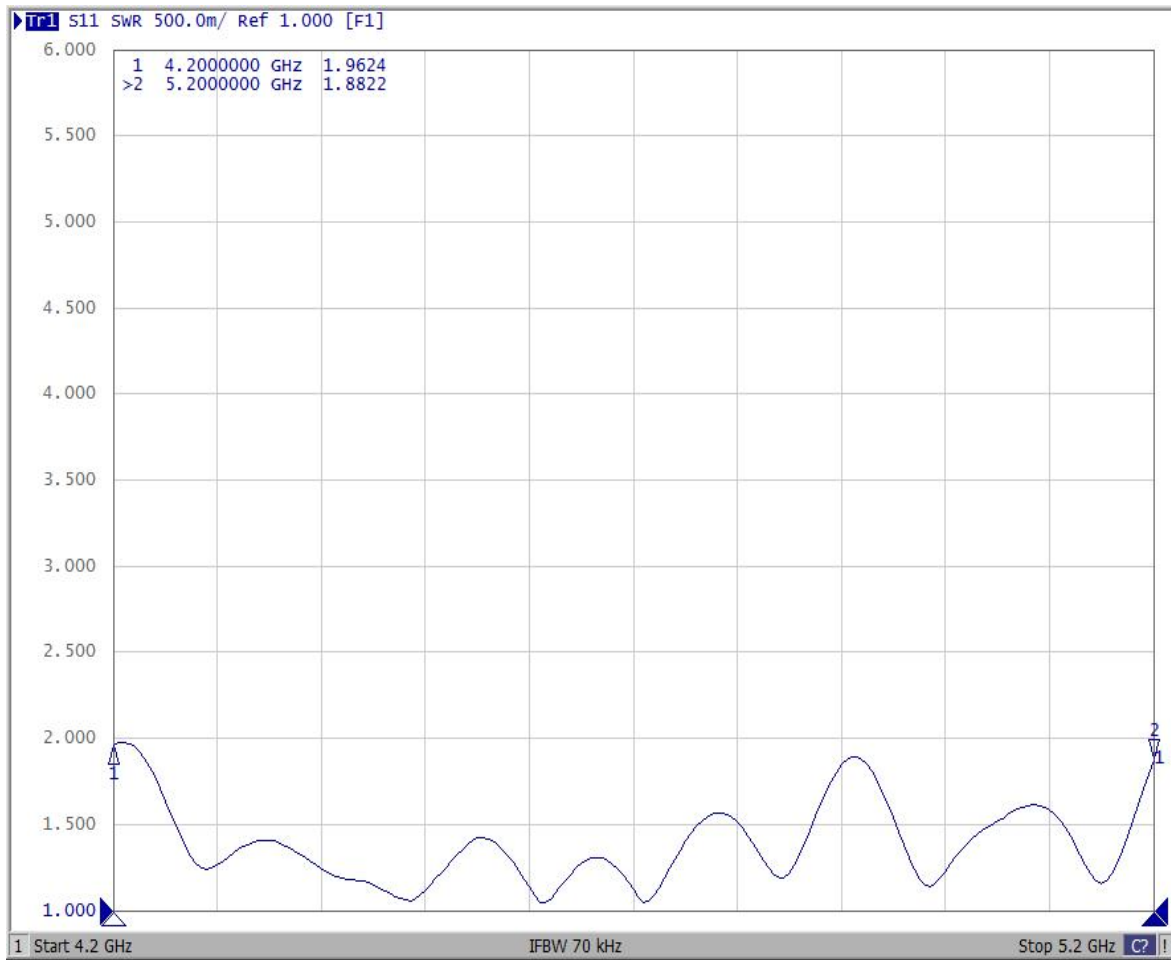
Electrical

Frequency Range	4200-5200MHz
F/B Ratio	> 29dB
Gain	26dBi
V.S.W.R	≤2.0
Radiation	Direction
Horizontal Beam width	7°
Vertical Beam width	6.5°
Polarization	Vertical
Lightning Protection	DC Grounded
Maximum Input Power	100W
Impedance	50Ω
Connector	N Female
Cable	30cm RG142
Antenna Radome Material	Aluminium alloy
Mount way	Pole
Diameter of Installation Pole	Φ30-50mm

Mechanical

Dimensions	600x900mm
Weight	2.3KG
Operating Temperature	-40°C to+70°C
Rated Wind Velocity	60m/s
RoHS Compliant	YES

3.V.S.W.R



4. Radiation Pattern

序号	频率 (MHz)	增益 (dBi)	效率 (%)
1	4200.0	21.08	58.90
2	4300.0	21.37	68.95
3	4400.0	21.05	63.67
4	4500.0	21.63	64.43
5	4600.0	22.42	70.86
6	4700.0	21.77	71.22
7	4800.0	21.09	66.75
8	4900.0	20.95	59.92
9	5000.0	22.41	67.26
10	5100.0	21.88	60.61
11	5200.0	21.67	59.08

