



5G MAGNET MOUNT ANTENNA

GLDYG832 5G Magnet Mount Antenna 896-960 / 1710-2700 / 3300-3800 MHz

MODEL GLDYG832

896-960 / 1710-2700 / 3300-3800 MHz omnidirectional 5G magnet-mount antenna with 3 m RG174 pigtail and SMA male connector.



KEY PERFORMANCE

896-960 / 1710-2700 / 3300-3800
MHz

FREQUENCY

7 dBi

GAIN

< 1.5

VSWR

SMA male

CONNECTOR

PRODUCT HIGHLIGHTS

VERIFIED HIGHLIGHTS

5G magnet-mount antenna covering 896-960 / 1710-2700 / 3300-3800 MHz; 7 dBi gain, < 1.5 VSWR; 3 m RG174 pigtail with SMA male; 48 x 355 mm housing; magnetic base for tool-free installation; RoHS compliant with -40 to +85 degrees C operating range.

TYPICAL APPLICATIONS

VERIFIED APPLICATIONS

The source document does not name specific wireless standards or deployments. Confirm the required frequency range, SMA male interface, cable length and magnetic mounting arrangement before ordering.

TECHNICAL SPECIFICATIONS

ELECTRICAL	
Frequency range	896-960 / 1710-2700 / 3300-3800 MHz
Gain	7 dBi
VSWR	< 1.5
Normal impedance	50 Ohm
Polarization	Linear
MECHANICAL	
Cable type	RG174
Cable length	3 m
Connector	SMA male
Antenna dimensions	Dia. 48 x 355 mm
Installation	Magnetic mount
Vibration	10 to 55 Hz with 1.5 mm amplitude, 2 hours
ENVIRONMENTAL	
RoHS	ROHS Compliant



PRODUCT DATASHEET

SKU GLDYG832
Rev. 1.0 | 2026-09-13

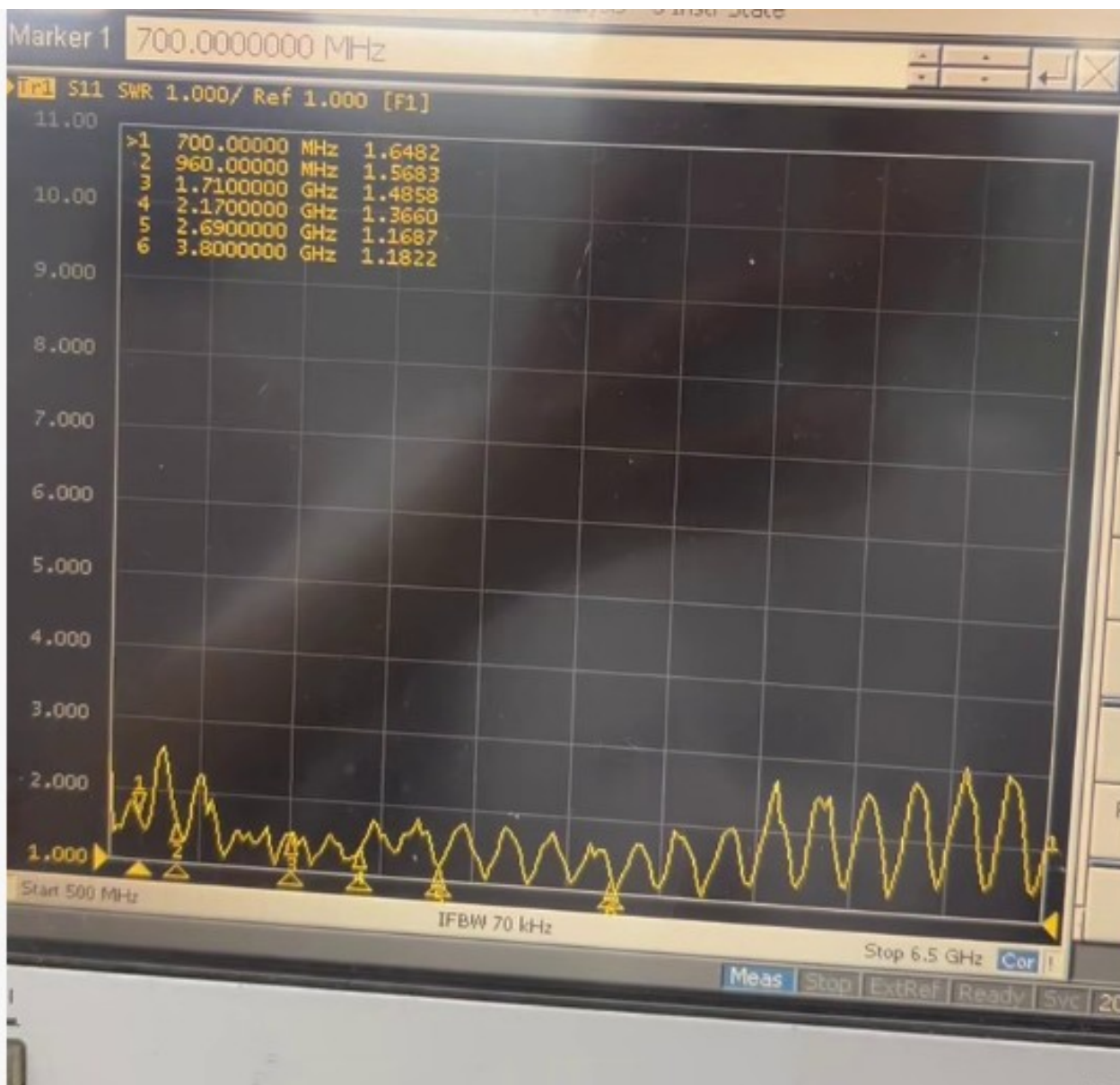
ELECTRICAL

Operating temperature	-40 to +85 degrees C
Humidity	5 to 95 %

NOTES

Network analyzer screenshot in the source .docx shows S11 SWR markers at 700/960/1710/2170/2350/2600/3800 MHz. The lowest marker (700 MHz) is below the published spec range (896-960 MHz) and is shown as a lower-bandstop reference; the 7 dBi gain and < 1.5 VSWR ratings are taken from the Electrical Index table on page 1 of the source document. 'Liner' polarization in the source is rendered as 'Linear' to match the standard RF datasheet wording.

TEST DATA APPENDIX



NETWORK ANALYZER SCREENSHOT (S11 SWR, 300 KHz - 8.5 GHz)

Marker 1 @ 700.000 MHz	1.6483
Marker 2 @ 960.000 MHz	1.6884
Marker 3 @ 1.710000 GHz	1.4858
Marker 4 @ 2.170000 GHz	1.3660
Marker 5 @ 2.350000 GHz	1.1687
Marker 6 @ 2.600000 GHz	1.1822
Marker 7 @ 3.800000 GHz	1.0649

THREE-DIMENSIONAL RADIATION PATTERN (SELECTED FREQUENCIES)

700 MHz (AxisZ, -0.15 to -31.88 dB)	Included in appendix_image set (image5.png)
840 MHz (AxisZ, -0.42 to -39.44 dB)	Included in appendix_image set (image6.png)
900 MHz (AxisZ, -1.68 to -41.38 dB)	Included in appendix_image set (image7.png)
1800 MHz (AxisZ, 0.99 to -42.25 dB)	Included in appendix_image set (image8.png)
2100 MHz (AxisZ, 3.57 to -32.37 dB)	Included in appendix_image set (image9.png)
2600 MHz (AxisZ, 1.21 to -39.57 dB)	Included in appendix_image set (image10.png)

SOURCE DOCUMENT COVERAGE



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NETWORK ANALYZER SCREENSHOT (S11 SWR, 300 KHZ - 8.5 GHZ)

Spec table (page 1)	Frequency, Gain, VSWR, Impedance, Polarization, Cable, Connector, Dimensions, Installation, Vibration, ROHS, Temperature, Humidity
VNA plot (page 4)	Source-document VNA plot with 7 SWR markers
3D pattern plots (page 5-10)	6 frequency points across low / mid / high bands

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