

975EWGN-A1 Open Ended Waveguide Probe 0.75-1.12GHz 5dB Gain N Type Female Equipped with Absorber

WR975 Open Ended Waveguide Probe From 0.75GHz to 1.12GHz With a Nominal 5dB Gain With Right Angle Coaxial N Type Female Connector and Equipped with Absorber

Product Information

SKU	975EWGN-A1
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Description

Open ended waveguide Probe 975EWGN-A1, operating from 0.75 to 1.12GHz with a nominal 5dB gain and low VSWR 2.0:1 with right angle coaxial N Type Female output connector. The model 975EWGN-A1 is equipped with absorber for better gain flatness and radiation pattern. A small degree chamfer is utilized to give a knife-edge aperture of this model to minimize the end diffraction. This open ended waveguide probe has linear polarization and designed specifically for planar and cylindrical near field measurements and calibration.

Technical Specification

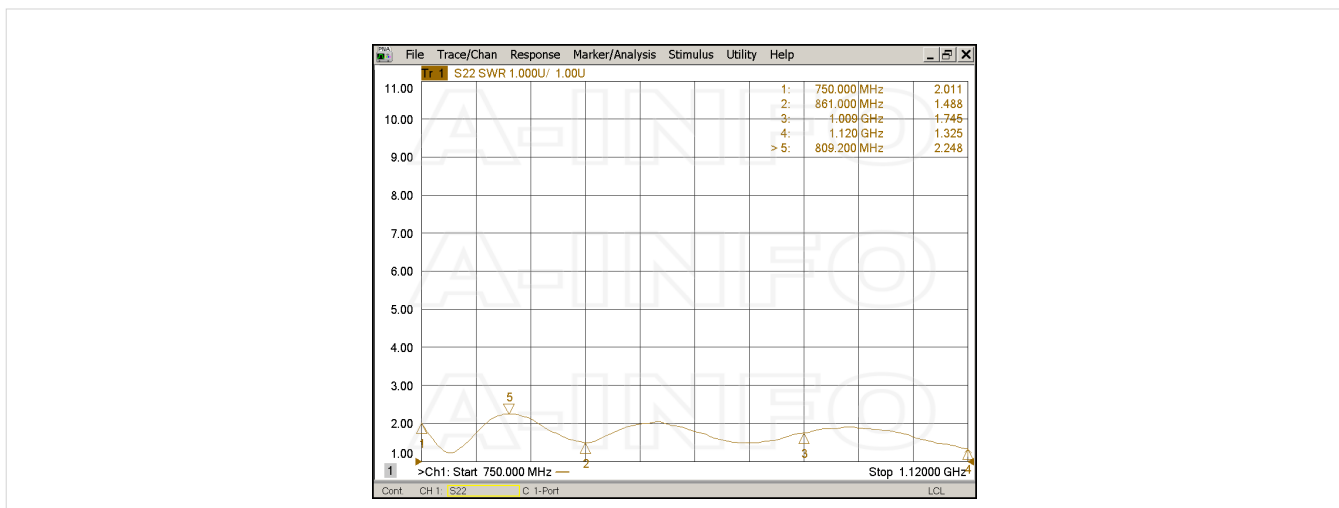
Electrical Specification		Interface	
Frequency, Min (GHz)	0.75	Output Type	Coaxial
Frequency, Max (GHz)	1.12	Connector	N Type
Waveguide Type	Rectangular	Connector Gender	Female
Waveguide Size EIA WR	WR975	Mechanical Specification	
Gain, Typ (dBi)	5	Body Material	Al
Polarization	Linear	Finish	Chemical Conversion Coating, Gray Paint
3dB Beamwidth, E-Plane, Typ (Deg.)	98	Size, W (mm)	600
3dB Beamwidth, H-Plane, Typ (Deg.)	66	Size, H (mm)	600
Cross Pol. Isolation, Typ (dB)	30	Size, L (mm)	994
VSWR, Typ	2.0:1		
Impedance, (Ohm)	50		
Power Handling, CW, (W)	300		
Power Handling, Peak, (W)	3000		

Additional Information

Application	General Purpose Indoor & Outdoor, Fixed	Solution for	Planar Near-Field Measurement Cylindrical Near-Field Measurement Spherical Near-Field Measurement
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Typical Test Results

VSWR



Similar Products



975EWGN Open Ended Waveguide Probe 0.75-1.12GHz 5dB Gain N Type Female



975EWGS Open Ended Waveguide Probe 0.75-1.12GHz 5dB Gain SMA Female



975EWG7/16 Open Ended Waveguide Probe 0.75-1.12GHz 5dB Gain 7/16 DIN Female



975EWGS-A1 Open Ended Waveguide Probe 0.75-1.12GHz 5dB Gain SMA Female Equipped with Absorber



975EWG7/16-A1 Open Ended Waveguide Probe 0.75-1.12GHz
5dB Gain 7/16 DIN Female
Equipped with Absorber



975EWGEN Open Ended Waveguide Probe 0.75-1.12GHz
5dB Gain N Type Female



975EWGEN-A1 Open Ended Waveguide Probe 0.75-1.12GHz
5dB Gain N Type Female
Equipped with Absorber

About this Datasheet

<ul style="list-style-type: none"> • Product Information Product Link: https://www.ainfoinc.com/975ewgn-a1-open-ended-waveguide-probe-0-75-1-12-ghz-5db-gain-n-type-female Data subject to change without notice. © A-INFO INC. 2024. All Rights Reserved 	<ul style="list-style-type: none"> • Contact Us Address: 60 Tesla, Irvine, CA 92618, USA Website: www.ainfoinc.com Email: sales@ainfoinc.com 	<ul style="list-style-type: none"> • Phone & Fax Phone: +1-949-639-9688 +1-949-639-9608 Fax: +1-949-639-9670
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