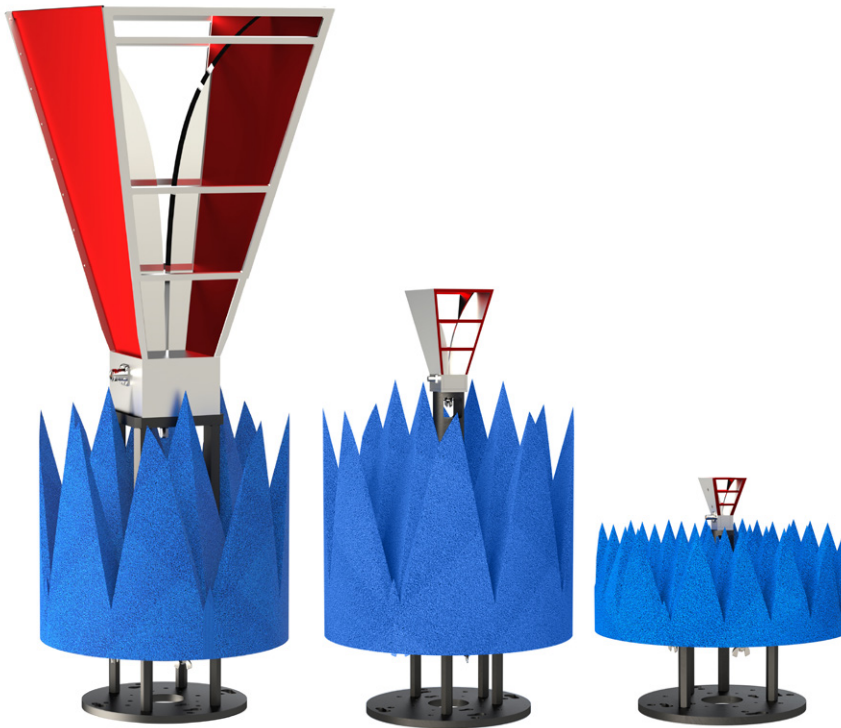


Broadband Ridged Probes

ANT-BRP



DESCRIPTION

Broadband Ridged Probes (ANT-BRP) from NSI-MI Technologies are the perfect choice for spherical near-field (SNF) measurements and far-field range illumination. With their wide frequency bandwidth, the ANT-BRP can replace several standard Open-Ended Waveguide (OEWG) probes or horns, eliminating the need to manually change range antennas. At low frequencies, these antennas are typically smaller than the equivalent OEWG probe or horn, making testing easier and more convenient.

FEATURES

- Frequency ranges from 370 MHz–50.0 GHz far-field use
- Frequency ranges from 370 MHz–26.5 GHz spherical near-field use
- Typical cross polarization rejection better than -25 dB

INCLUDES

- ANT-BRP Broadband Ridged Probe assembly
- Mounting hardware and absorber
- User manual
- Typical probe patterns for SNF only are provided in NSI2000 pattern files format.

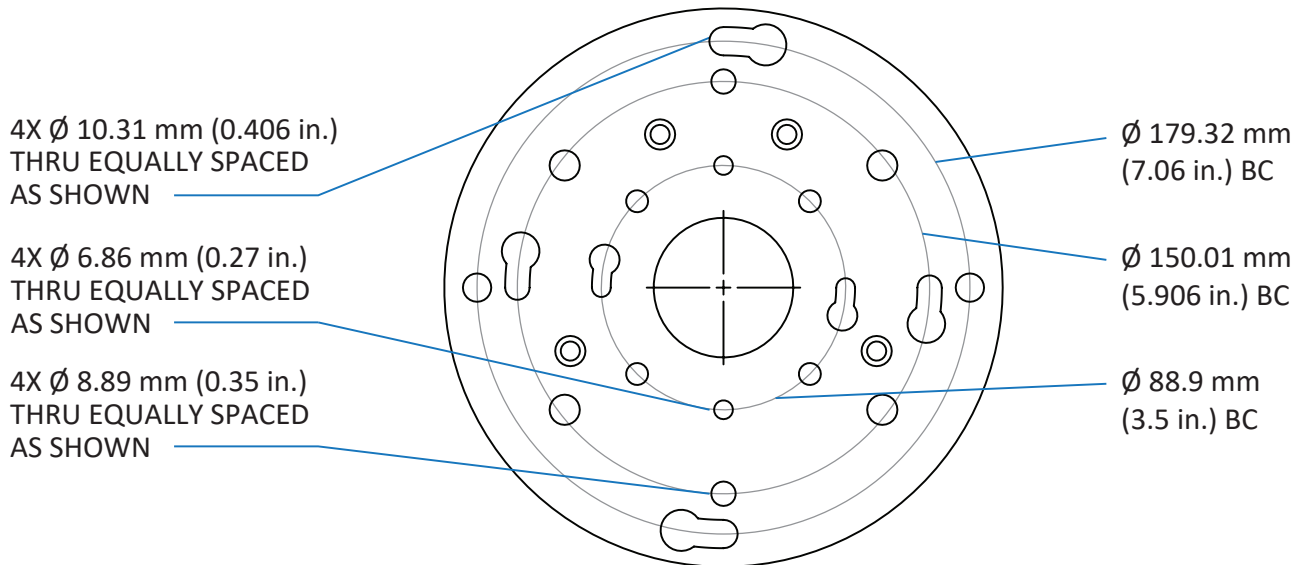
APPLICATIONS

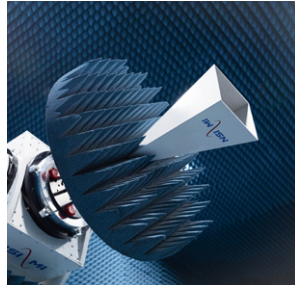
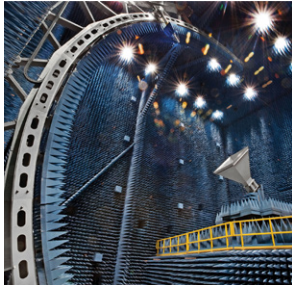
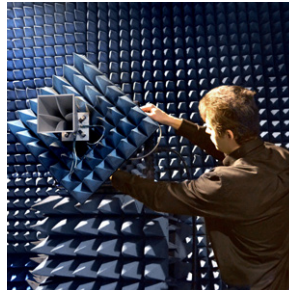
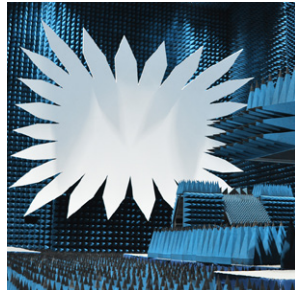
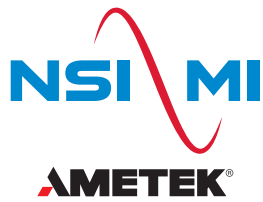
- Automotive
- General Antenna Testing
- Target Simulation
- Wireless

SPECIFICATIONS

Parameters	ANT-BRP-0.37-6	ANT-BPR-0.75-10	ANT-BPR-1.7-20	ANT-BPR-4-40	ANT-BPR-4.5-50
Frequency Range (GHz)	0.37–6.0	0.75–10.0	1.70–20.0	4.0–40.0	4.50–50.0
VSWR (max)	1.6	1.8	1.5	1.6	1.55
VSWR (avg)	1.2	1.25	1.2	1.25	1.25
Impedance	50 Ohm				
Connector	N-Female	N-Female	SMA Female	K-Female	2.40 mm
Power (CW/ Peak)	350 W/ 500 W	150 W/ 250 W	50 W/ 100 W	15 W/ 30 W	10 W/ 20 W
Antenna Factor	17–33 dB/m	23 – 35 dB/m	29 – 40.5 dB/m	35 – 47 dB/m	36 – 49 dB/m
Polarization	Linear				

MOUNTING PLATE CONFIGURATION





Test
with
Confidence

LOCATIONS

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NSI-MI Technologies introduced the world to microwave antenna measurement systems and is the preferred global supplier of antenna, radar cross section, and radome measurement solutions. Today, our innovative products, systems, and services lead the industry in setting new standards for tomorrow's performance. From world-class in-house testing facilities to delivering industry-leading turnkey systems, we provide the highest quality measurement products on the market.

Our full range of standard products and custom-designed systems are backed by our longstanding commitment to precision-engineered accuracy, reliability, and lasting performance. We provide the right solution for every RF measurement need and our worldwide network of service professionals are always available to offer support.

For more information on ordering NSI-MI Technologies' products, applications or services please contact your nearest NSI-MI office. Our complete sales team information is available at: www.nsi-mi.com/contact-us

ISO 9001:2015 CERTIFIED

