

FEATURES

- Broadband Performance
- Dual Linear Polarization
- Constant Gain

IDEAL FOR

- Compliance Testing
- Radiated Emissions
- VHF and UHF Source Antenna

DESCRIPTION

NSI-MI Technologies' Dual Polarized Log-Periodic Antennas (ANT-DLPA) combine broadband coverage with the versatility of dual polarization. The ANT-DLPA consists of two crossed log-periodic arrays, specifically designed for VHF and UHF frequency bands. A mounting flange is provided at the base of the array for easy attachment to positioning systems.

INCLUDES

- ANT-DLPA Dual Polarized Log Periodic Antenna
- User Manual

AVAILABLE ADD-ONS

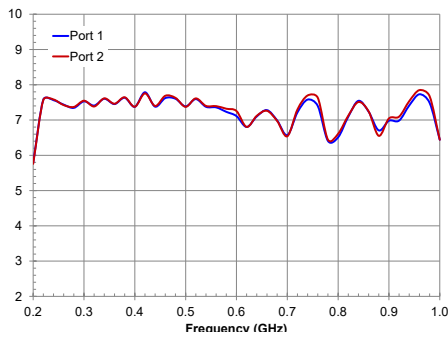
- Mounting Hardware

SPECIFICATIONS

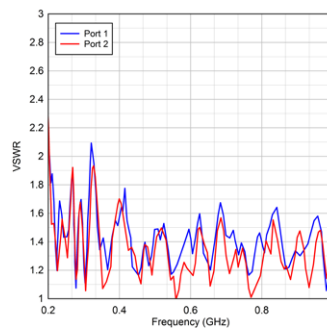
Model	Frequency Range (GHz)	Nominal Gain (dBi)	Average Power (W)	Nominal Beamwidth (deg)	Length cm (in.)	RF Connector	Center of Gravity cm (in.)	Weight kg (lb)
ANT-DLPA-0.1-1	0.10 - 1.0	8	200	60° E-Plane 120° H-Plane	183 (72)	N-Female	61 (24) from flange	12 (25)
ANT-DLPA-0.15-1	0.15 - 1.0	8	200	60° E-Plane 120° H-Plane	116 (46)	N-Female	33 (13) from flange	5 (11)
ANT-DLPA-0.2-1	0.20 - 1.0	8	200	60° E-Plane 120° H-Plane	80 (32)	N-Female	20 (8) from flange	3 (7)
ANT-DLPA-0.35-1	0.35 - 1.0	8	200	60° E-Plane 120° H-Plane	43 (17)	N-Female	7.62 (3) from flange	2.7 (6)

TYPICAL MEASURED DATA

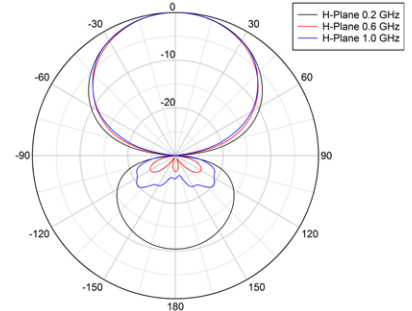
ANT-DLPA-0.2-1 Gain



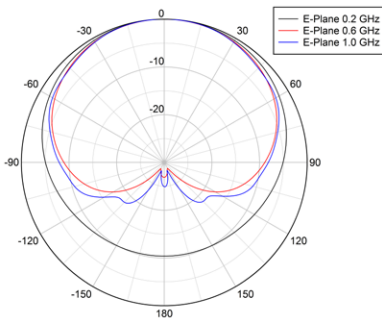
ANT-DLPA-0.2-1 VSWR



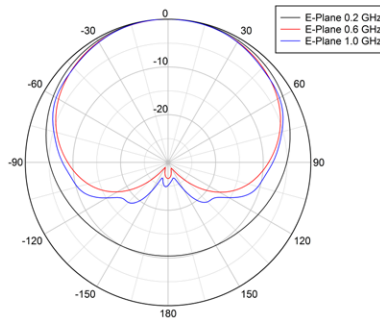
ANT-DLPA-0.2-1 Port 1 Radiation Patterns



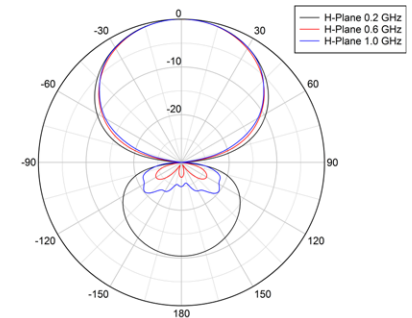
ANT-DLPA-0.2-1 Port 2 Radiation Patterns



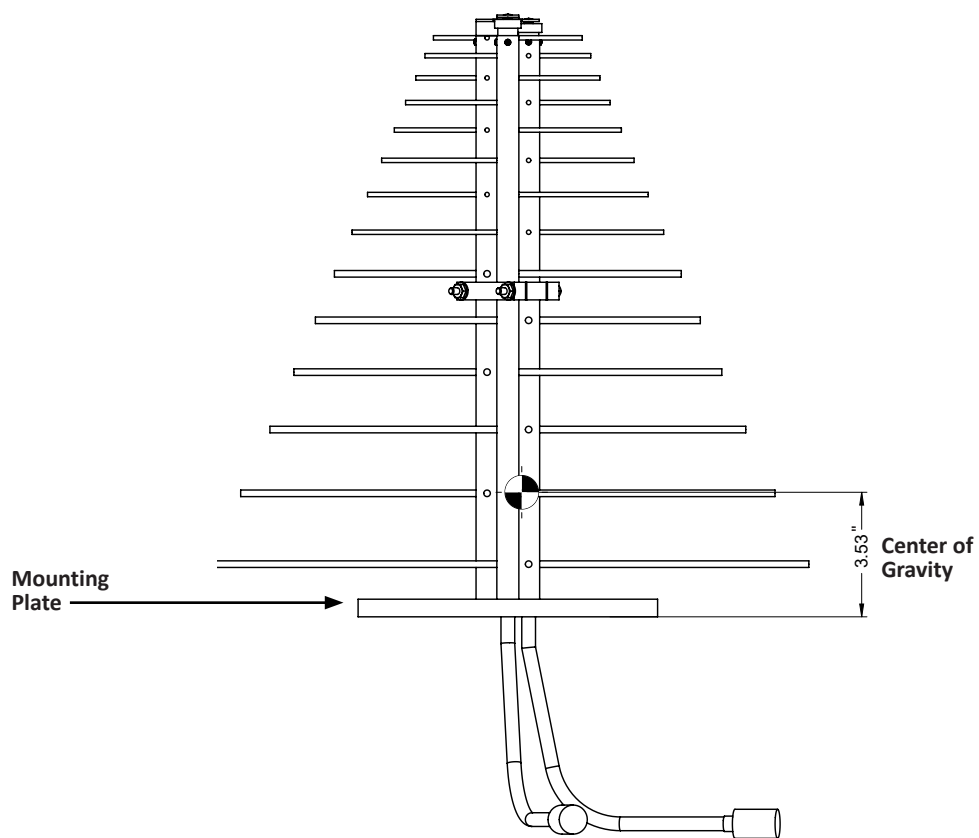
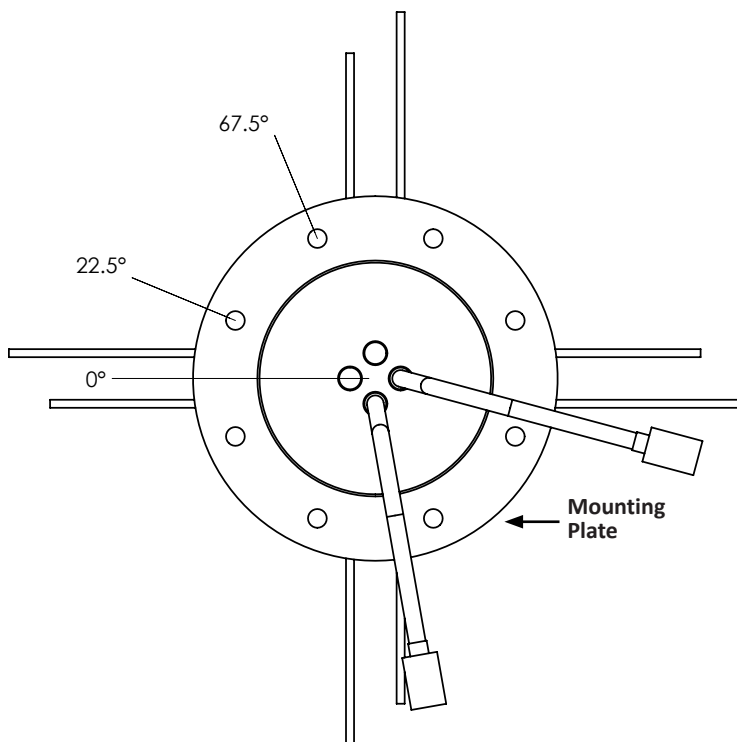
ANT-DLPA-0.2-1 Port 1 Radiation Patterns

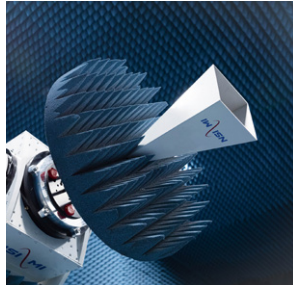
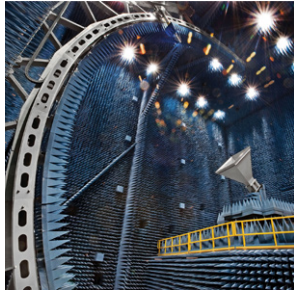
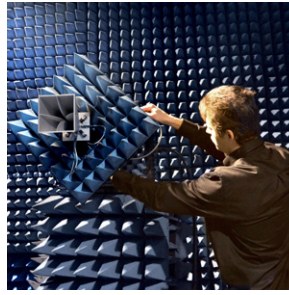
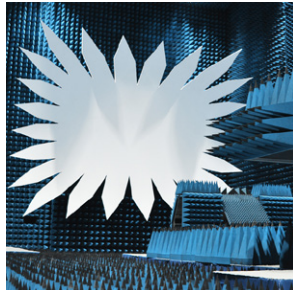
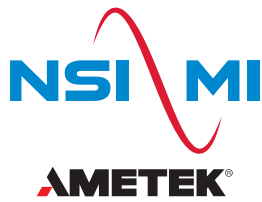


ANT-DLPA-0.2-1 Port 2 Radiation Patterns



ANT-DLPA MOUNTING PLATE CONFIGURATION





Test
with
Confidence

LOCATIONS

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AMETEK 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 AMETEK 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

