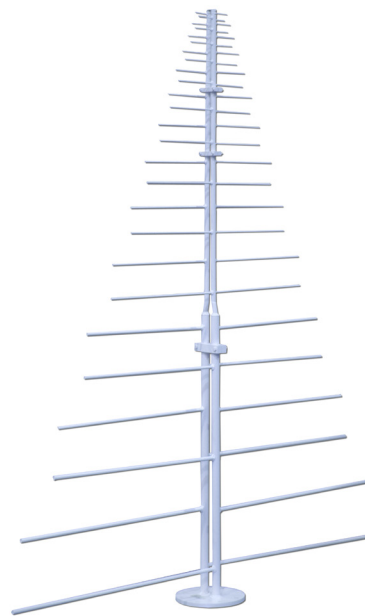


# Log-Periodic Antennas



ANT-LPA



## FEATURES

- **Broadband Performance**
- **Linear Polarization**
- **Constant Gain**

## IDEAL FOR

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

## DESCRIPTION

NSI-MI Technologies' Linear Polarized Log-Periodic Antennas (ANT-LPA) are dipole arrays designed to have nearly constant gain and input impedance over a broad frequency range. A mounting flange is located at the base of the array for easy attachment to positioning systems.

## INCLUDES

- **ANT-LPA Log-Periodic Antenna**
- **User Manual**

## AVAILABLE ADD-ONS

- **Mounting Hardware**

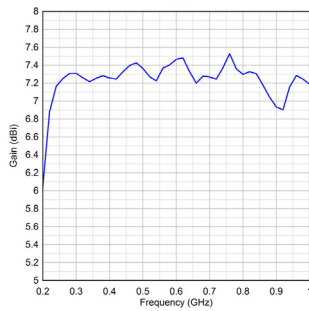
## SPECIFICATIONS

Model	Frequency Range (GHz)	Nominal Gain (dBi)	Average Power (W)	Nominal Beamwidth* (deg)	Dimensions, H x W cm (in.)	RF Connector	Center of Gravity cm (in.)	Weight kg (lb)
ANT-LPA-0.1-1	0.1 - 1.0	8	200	60° E-Plane 120° H-Plane	180 x 152 (71 x 60)	N-Female	60 (24)	5 (11)
ANT-LPA-0.15-1	0.15 - 1.0	8	200	60° E-Plane 120° H-Plane	117 x 99 (46 x 39)	N-Female	27 (11)	3.6 (8)
ANT-LPA-0.2-1	0.2 - 1.0	8	200	60° E-Plane 120° H-Plane	81 x 74 (32 x 29)	N-Female	16.5 (6.5)	2.5 (5.5)
ANT-LPA-0.35-1	0.35 - 1.0	8	200	60° E-Plane 120° H-Plane	43 x 43 (17 x 17)	N-Female	5.08 (2)	1.8 (4)

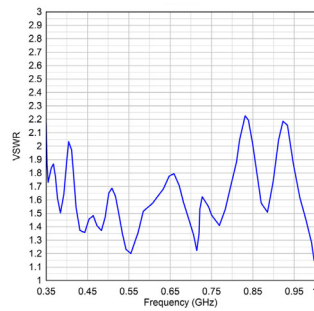
\*Measured E and H-plane patterns can be provided.

## TYPICAL MEASURED DATA

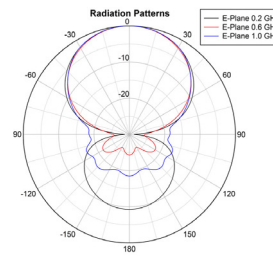
ANT-LPA-0.2-1 Gain



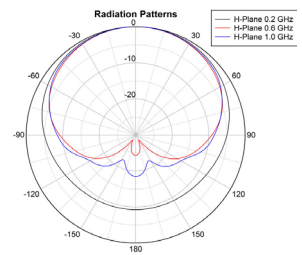
ANT-LPA-0.2-1 VSWR



ANT-LPA-0.2-1 Radiation Patterns



ANT-LPA-0.2-1 Radiation Patterns



## ANT-LPA MOUNTING PLATE CONFIGURATION

