

Model 26-0.1 Broadband Antenna

Features

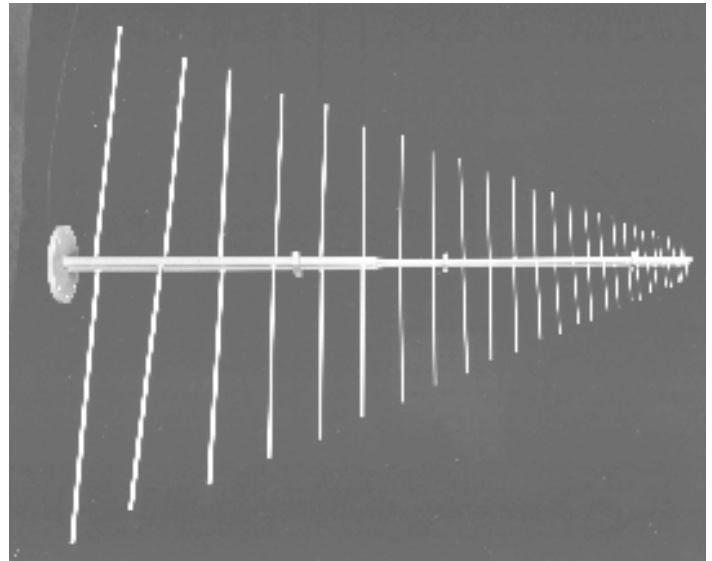
- Ideal for VHF antenna test ranges
- Offers broad frequency range, 100 MHz to 1 GHz

Description

The Model 26-0.1 antenna is a log-periodic dipole antenna specifically designed for VHF antenna test ranges. The array has essentially constant gain, beamwidth, and input impedance over its design frequency range. Series 26 E- and H-plane patterns for any three frequencies can be supplied at an additional cost. A mounting flange at the rear of the array allows the antenna to be attached to any MI Technologies Series 56000 Polarization Positioner.

Specifications

| | |
|---|-----------------------------|
| Array Model Number | Model 26-0.1 |
| Frequency Range (GHz) | 0.10 to 1.00 |
| Nominal Gain | 8 dB |
| Nominal Beamwidth (degrees) | |
| E-Plane | 60 |
| H-Plane | 120 |
| Typical VSWR | 2.0:1 |
| Input Impedance (ohms) | 50 |
| Connector | Type "N" Female |
| Max. Front to Back Ratio, down | -20 dB |
| Max. Cross Polarization, down | -25 dB |
| Approx. Max Projected Wind Area (in. ²) | 138 |
| Approx. Center of Gravity | 24 in. from mounting flange |
| Max. Wind Loading At | |
| 100 mph, no ice or | |
| 50 mph, 1/2 in. ice (ft-lbs) | 55 |
| Power (Watts) | |
| Peak | 2500 |
| Average | 100 |
| Dimension, Inches (cm) | |
| Length | 71 ± 1.0 (180 ± 2.5) |
| Width | 60 ± 1.0 (152 ± 2.5) |
| Weight, lbs (kg) | |
| Net | 11 (5) |
| Shipping | 100 (45) |
| Shipping volume (cu ft) | 45 |



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Ordering Information

Specify Model 26-0.1 to order this particular antenna.

Options

Not Applicable

Accessories

Series 56000 Polarization Positioner