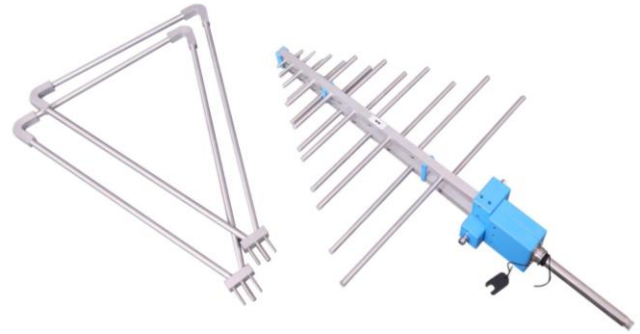


Features

- **Bicon-log Antenna for EMC /EMI Testing & Tx / Rx applications**
- **Frequency Range : 20MHz – 2GHz**
- **Impedance - 50Ω (Nominal)**
- **Individual calibration as per ANSI 63.5/ CISPR 16-1-6**
- **One year standard warranty.**



Description

The AN-BI-0320P is a broad-band linearly polarized antenna. The antenna is a combination of bi-conical and log-periodic elements and is engineered to cover the frequency range of the combination (20-2000 MHz). The antenna is suitable for use as an EMI test antenna, for compliance measurements as per most regulatory requirements, covering a frequency range that would otherwise require three separate conventional antennae to cover the same frequency range.

Typical applications of the antenna includes EMC radiated emissions / immunity, site surveys, shielding effectiveness, field monitoring among others.

The antenna is available with N Type female termination. The antenna can be mounted using a 22mm diameter stock, compatible with most EMC masts. Threaded mounting adaptors are also available optionally.

Specifications*

Model	AN-BI-0320P
Frequency Range	20 – 2000 MHz
Antenna Factor (dB/m)	4 – 35 (dB/m)
Max Continuous Power	300 W
Polarisation	Linear
Connector Type	N Type Female
Dimensions (L x W x H)	1100 x 1500 x 510 mm
Weight	~4 Kg
Environmental	-20°C to +40°C
Mounting	22mm diameter tube
Applications	Radiated Emission/ Immunity, SE, Site Surveys

* Nominal values, subject to change without notice.

Calibration

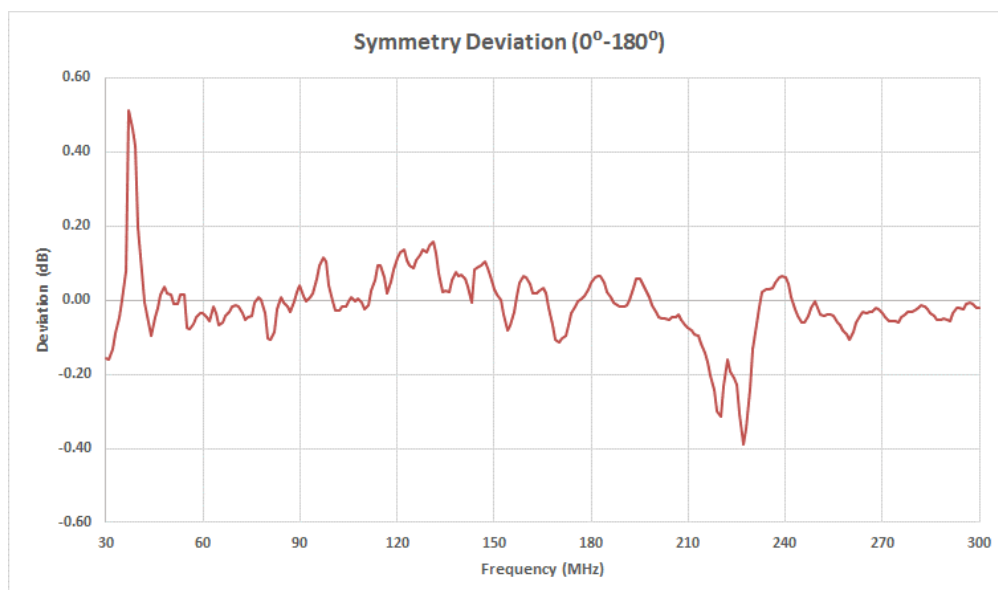
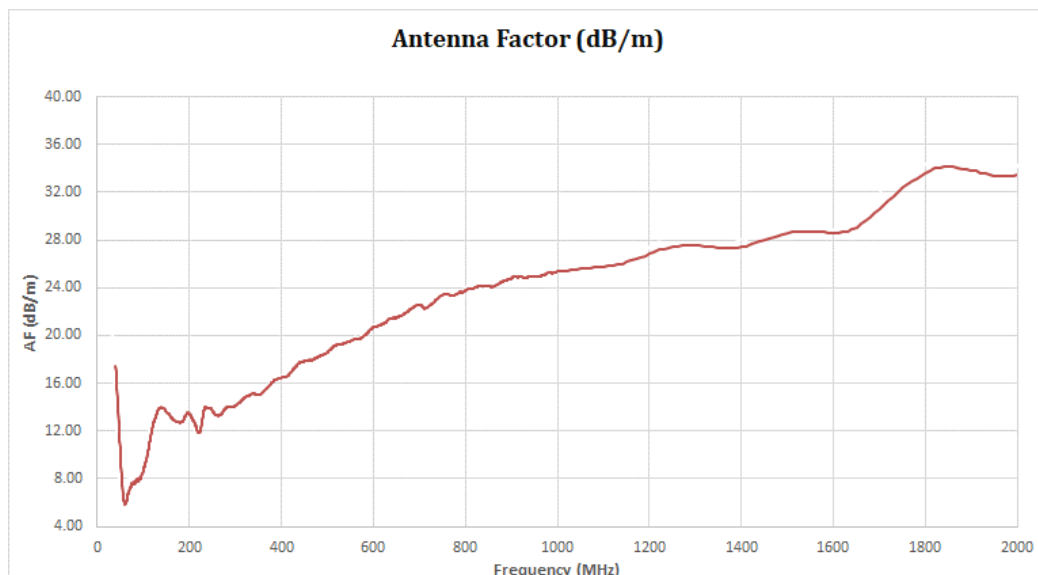
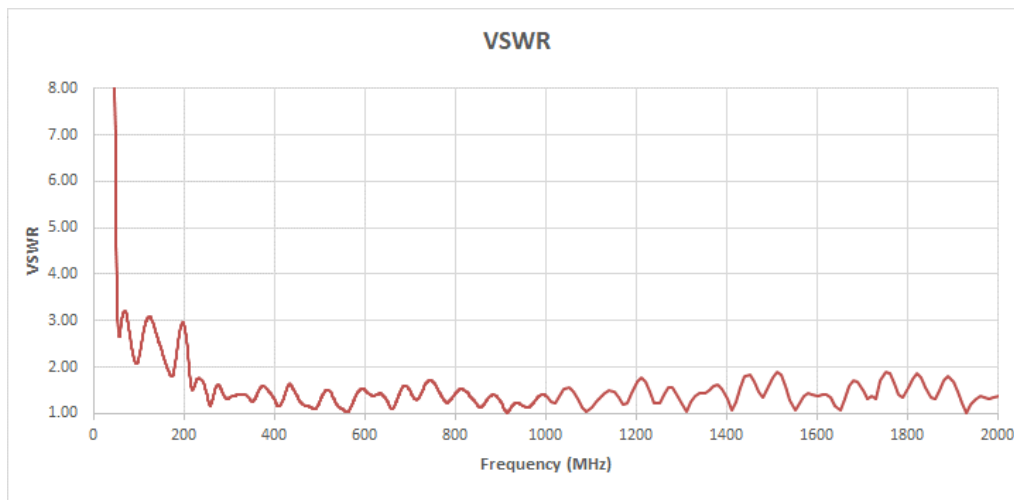
Each antenna is individually calibrated (traceable) at an Open Area Test Site as per ANSI 63.5 or CISPR 16-1-6. 17025 Accredited calibration is available upon request.

Related Products

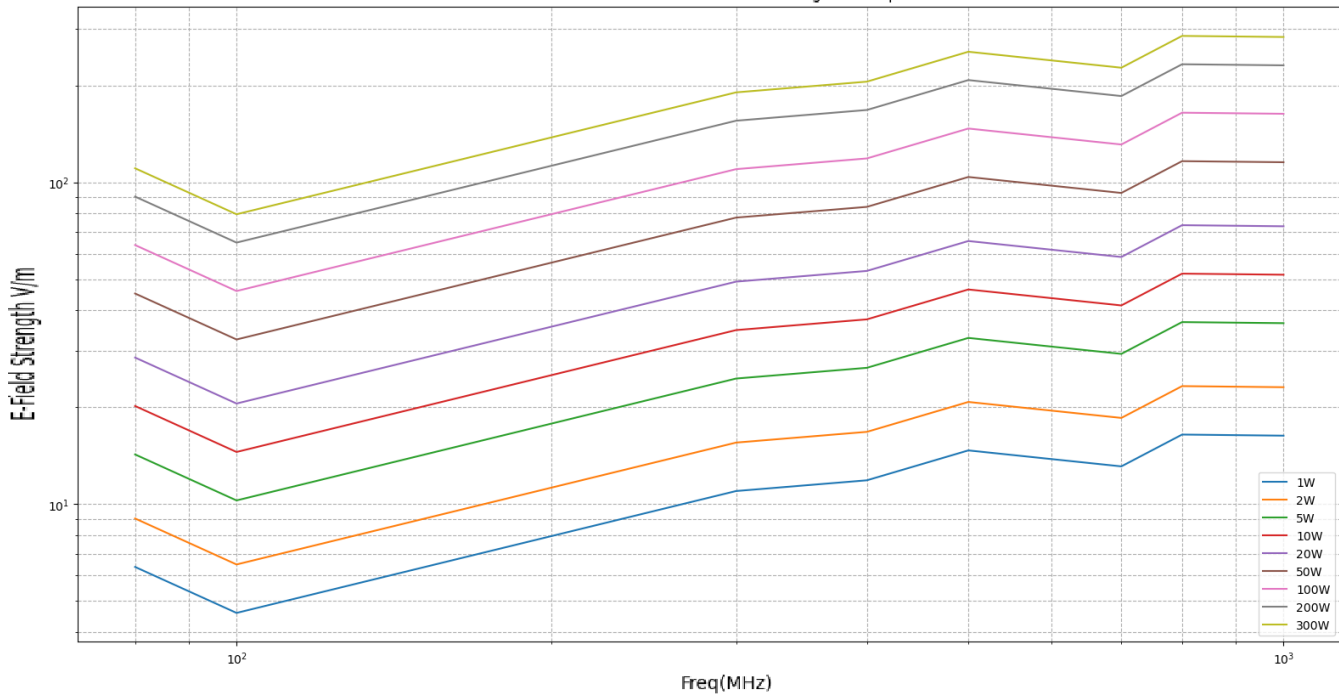
MAS_FG_03

Modular telescopic non reflective fibre glass mast

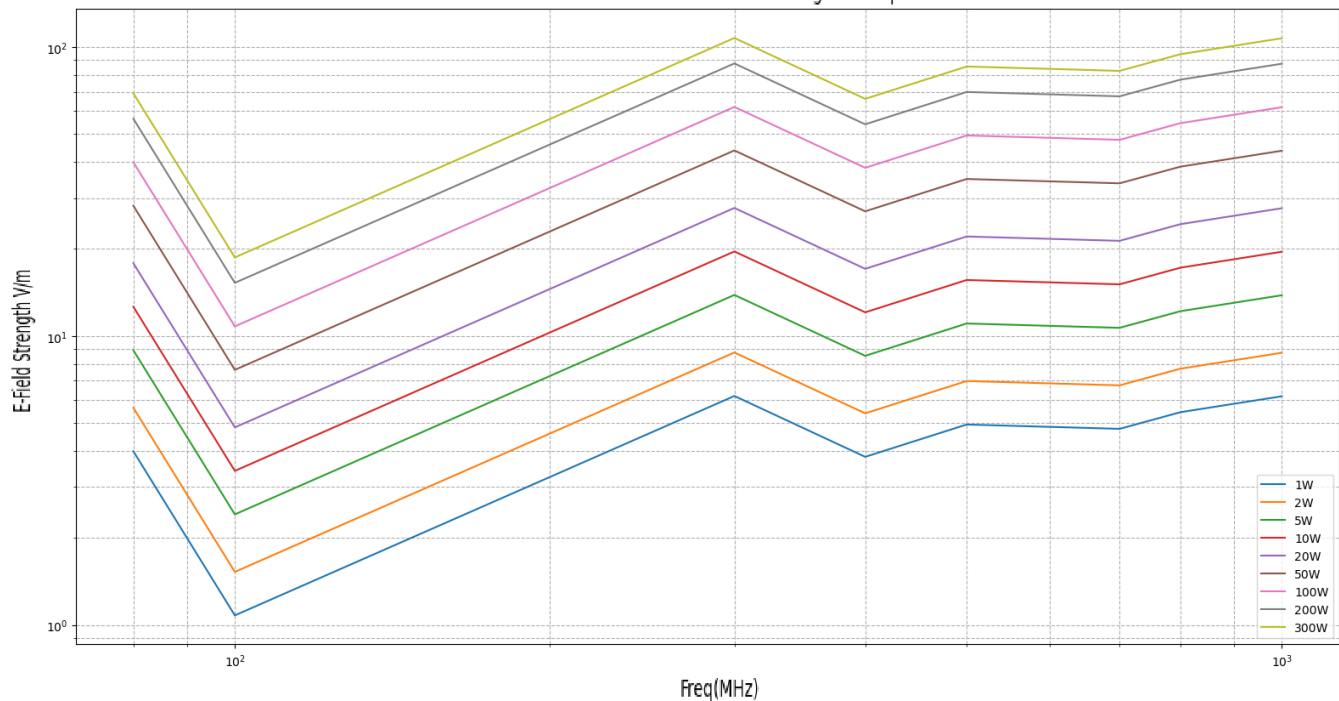
Typical Antenna Performance



AN-BI-0320P Generated Field Strength 1m Tip EUT



AN-BI-0320P Generated Field Strength 3m Tip EUT



Note : Power indicated is the Forward Power measured at the input to the Antenna connector