

#### Features

- Bi-Conical Antenna for EMC /EMI Testing
- Frequency Range : 30 300 MHz
- Impedance 50Ω (Nominal)
- Precision construction
- Material Aluminium
- Individual calibration as per ANSI 63.5 / SAE ARP 958



### Description

The ANB-0230 is a bi-conical dipole antenna, specially designed for EMC/EMI compliance testing in accordance with ANSI/CISPR/SAE ARP test standards. The ruggedized aluminium - cage dipole construction is precision manufactured and tested to conform to the requirements of the standards, with respect to dimensions, antenna factor and symmetry.

An integrated low loss  $200:50\Omega$  bal-un, inside the antenna ensures a good impedance match between the antenna elements and the end connector, over a wide range of frequencies.

The antenna is designed for 30 – 300 MHz, but is usable down to 20 MHz

The antenna can be used for Radiation Emissions, Normalized Site Attenuation (NSA), Shielding Effectiveness (SE) and other electro-magnetic (EM) field measurement applications.

# Specifications\*

Model	ANB-0230
Frequency Range	30 – 300 MHz
Impedance	50 Ω
Antenna Factor (dB/m)	7 – 25 (dB/m)
Symmetry	< 1dB
Max input Power	10 watt
Polarisation	Linear (V/H)
Connector Type	N female
Dimensions	1320 X 865 mm
Weight	2.0 Кд
Environmental	-20°C to +40°C
Mounting	22mm diameter tube
Applications	Radiated Emissions,
,,	NSA, SE, EM Field
	monitoring.

\* 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 SAE ARP 958. 17025 Accredited calibration is available upon request.

### **Related Products**

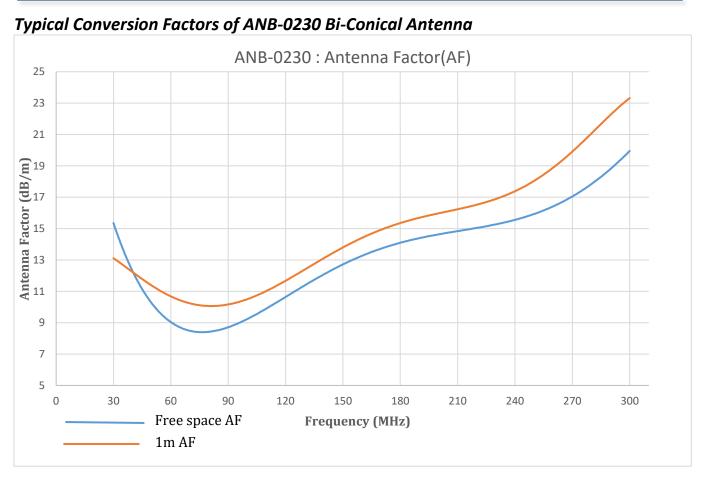
MAS\_FG\_03

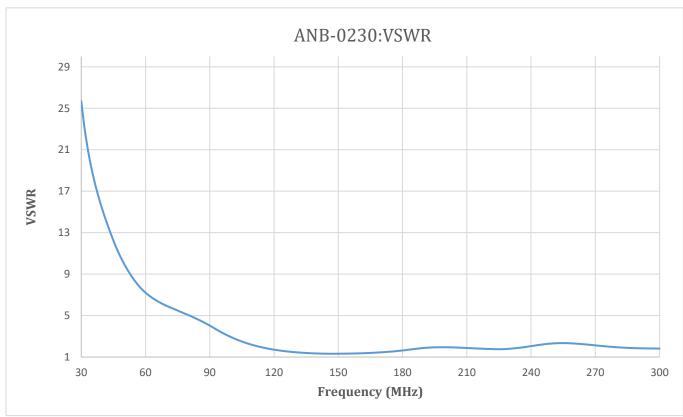
Modular telescopic non reflective fibre glass mast

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