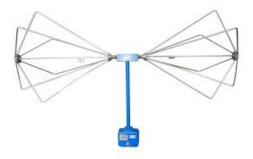


Product Specs

BIA-25 | Antenna, Biconical



Description

A balun, feedline, and element cage give the Electro-Metrics BIA-25 response curves that are almost linear, making it ideal for swept measurements. The BIA-25 is position sensitive, and must be properly orientated. When in the vertical orientation, incorrect readings will be obtained if the incorrect element is closest to the ground plane.

Applications

The BIA-25 Biconical Antenna operates over the 30-200 MHz frequency range. The antenna is ideally suited for use in FCC, SAE, and MIL-STD radiated emissions testing. The BIA-25 broadband frequency capability eliminates the need for band switching, element extension, or external tuning when used for electromagnetic ambient surveys or spectrum signature measurements. The compact size of the BIA-25 is advantageous for use in anechoic chambers and shielded enclosures.

Specifications

Electrical

Frequency Range: 30 - 200 MHz

VSWR:

Average: 1.4:1 with 6 dB pad Maximum: 1:8:1 with 6 dB pad

Max. Cont. Power: 0.5 W

Peak Power: 1.0 W

Input Impedance: 50 Ohms

Output Connector: TNC

Mechanical

Length: 134.1 cm (52.75") tip-to-tip

Diameter: 53.3 cm (21")

Depth: 81.3 cm (32") including balun

