Data Sheet

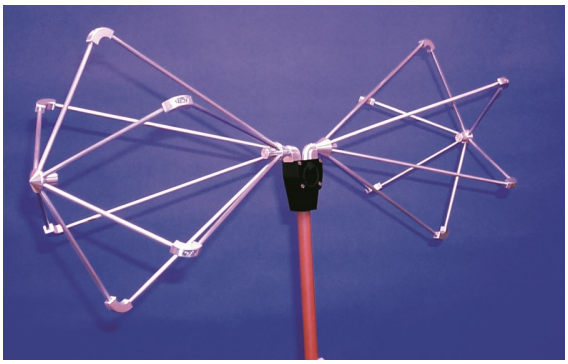
MBA-2060 Metrology Biconical Antenna

Product Overview

The TDK MBA-2060 Metrology Biconical Antenna is a new generation metrology biconical dipole that covers the operating frequency range of 20 MHz to 600 MHz.

Leading-Edge Design The MBA-2060 features an improved biconical element and improved balun design, which provides superior patterns and balance. Also, the design of the MBA-2060 allows the polarization to be changed without moving the phase center.

Internal Choke An additional feature of the MBA -2060 is its highly effective internal choke, which provides immunity to externally induced imbalance.



The TDK MBA-2060 Metrology Biconical Antenna features an improved design that provides optimum performance over the frequency range of 20 MHz to 600 MHz.

Features

- Improved balun provides superior patterns and balance
- Improved biconical element design
- Effective internal choke provides immunity to externally induced imbalance
- Fits common antenna mounts; TDK mounts are also available
- Optional accredited calibration

Applications

- Site attenuation
- Calibration
- Transmission loss measurements

1101 Cypress Creek Road ■ Cedar Park, Texas 78613, USA ■ 1-512-258-9478 ■ FAX 1-512-258-0740

MBA-2060 Metrology Biconical Antenna

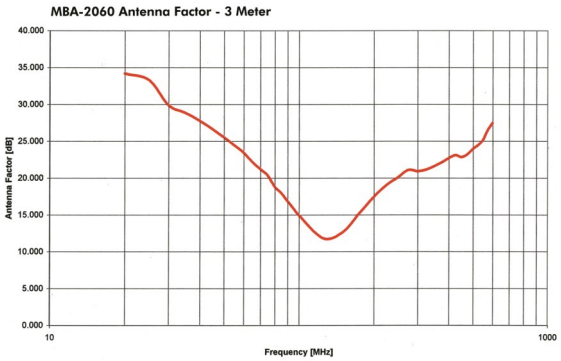
Electrical Characteristics

Frequency Range:	20 MHz to 600 MHz
VSWR:	2.5:1 average
Polarization:	Linear
Feedpoint Impedance:	50 ohms nominal

Mechanical Specifications

Size:	75 cm x 27.5 cm x 27.5 cm (length x width x height)
Weight:	<1 kg
Construction:	Aluminum
RF Connector:	SMA or APC 3.5

Antenna Data



Ordering Information

Product:	Metrology Biconical Antenna
Model Number:	MBA-2060
Warranty:	1 year limited

To place an order or to learn more about the TDK products that best meet your needs, contact your TDK sales representative:

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