SAS-543
High Power, Biconical Antenna
20 MHz – 300 MHz

High input handling capability up to 2000 watts CW, and rugged design make this Biconical Antenna excellent for immunity testing.

Frequency Range: 20 MHz - 300 MHz
Antenna Factor: 7.4 to 20 dB
Gain: -14 to 2.8 dBi
Maximum Continuous Power: 1 KW
Max Peak Power: 2 KW
Max Radiated Field: 200 V/m (80 MHz – 200 MHz)
Pattern Type: omni-directional
Impedance: 50 Ω
VSWR: 2.8:1
Connector: N-Type, female
Mounting: 1/4-20 Thread, female

Features
- Frequency Range of 20 MHz to 300 MHz
- Omni Directional, Receive and Transmit
- Individually Calibrated (1, 3 and 10 Meter calibration included, horizontal polarization)
- Rugged Construction
- Three Year Warranty

The SAS-543 Biconical Antenna is an ideal solution for immunity testing and capable of generating high fields at lower frequencies. The Biconical antenna has a unique balun design an ideal for IEC 1000-4-3 testing or any other immunity testing. The rugged design of this biconical antenna has an impedance transformation and matching circuit capable of handling up to 2 KW peak power. This Biconical antenna is a versatile performer for all your compliance testing needs.

Recommended Accessories
- ATU-510 (Antenna Tripod, Wooden)
- AEH-510 (Azimuth and Elevation Head)
- SAC-213 (3 Meter N/N Cable)
Physical Dimensions:

Height: 17 in. (43.2 cm)
Width: 52.5 in. (133 cm)
Weight: 6.0 lb.'s (2.72 kg)