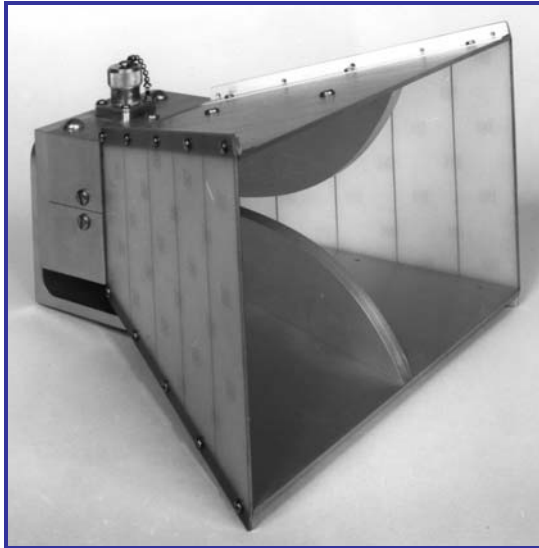


EM-6961 | Antenna, Ridged Guide



Description

The EM-6961 Double Ridged Guide Antenna is a linearly polarized broadband antenna designed and built specifically for EMI measurements and specification compliance testing.

The versatile EM-6961 is constructed of rugged aluminum, which makes it excellent for use under severe field conditions and the size makes it suitable for use in the limited space of a shielded enclosure.

Applications

The EM-6961 is a linearly polarized antenna capable of operating as either a transmitting or receiving antenna.

Exhibiting highly efficient performance characteristics for a broadband antenna, the EM-6961 is ideal for measurements to meet MIL-STD-461/462 EMI specifications. It is also well suited for radiated susceptibility testing in the microwave range and general transmitting and receiving applications. Antenna factor chart supplied with each antenna.

Specifications

Electrical

Frequency Range (calibrated): 0.9–18 GHz

Impedance: 50 Ohms nominal

Average VSWR: <1.5:1

Average Power Gain: 10.7 dB

Average Beamwidth:

E Plane: 53°

H Plane: 48°

Power for 200 V/m @ 10 GHz (typical): 90 W

Output Connector: Type N female

Mechanical

Length: 280 mm (11")
(includes Tripod Mount)

Width: 244 mm (9.6")

Height: 157 mm (6.2")

Weight: 1.8 kg (4 lbs.)

Ref: 100501

Specifications subject to change without notice.
Unless otherwise specified, product is manufactured in
Johnstown, NY USA.



