

EM-6963 | Antenna, Dual Ridge Horn



Description

Electro-Metrics model EM-6963 is a linearly polarized, dual ridge horn antenna covering the frequency range of 18-40 GHz.

Model EM-6963 can be individually calibrated for use in EMI/EMC compliance measurements as well as for general purpose measurement antennas over its specified frequency range.

The small size and lightweight construction of the EM-6963 make it portable and easy to use. The antenna is supplied with a mounting bracket allowing the antenna to be oriented in either the vertical or horizontal plane. The mounting bracket is configured for a standard 1/4-20 tripod stud.

Specifications

Electrical

Frequency Range: 18 GHz – 40 GHz

Impedance: 50 Ohms (nominal)

VSWR (average): <2.2:1

Gain (average): 10.07 dB

Max input power: 50 W

Average 3 dB Beamwidth:

E Plane: 50°

H Plane: 45°

Connector : 2.92mm (k) (female)

Supplied with mounting bracket for #1/4 - 20 thread

Mechanical

Width: 10.1 cm (4")

Length: 8.9 cm (3.5")

Height: 6.6 cm (2.6")

Weight: .19 kg (.41 lb.)

Ref: 130620

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

