

EM-6963 | Dual Ridge Horn Antenna



Description

The 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:	Linear
VSWR:	<2.2:1 average
Gain:	10.07 dB average
3 dB Beamwidth:	E Plane: 50° H Plane: 45°
Connector:	2.92mm (k) (female)

Mechanical

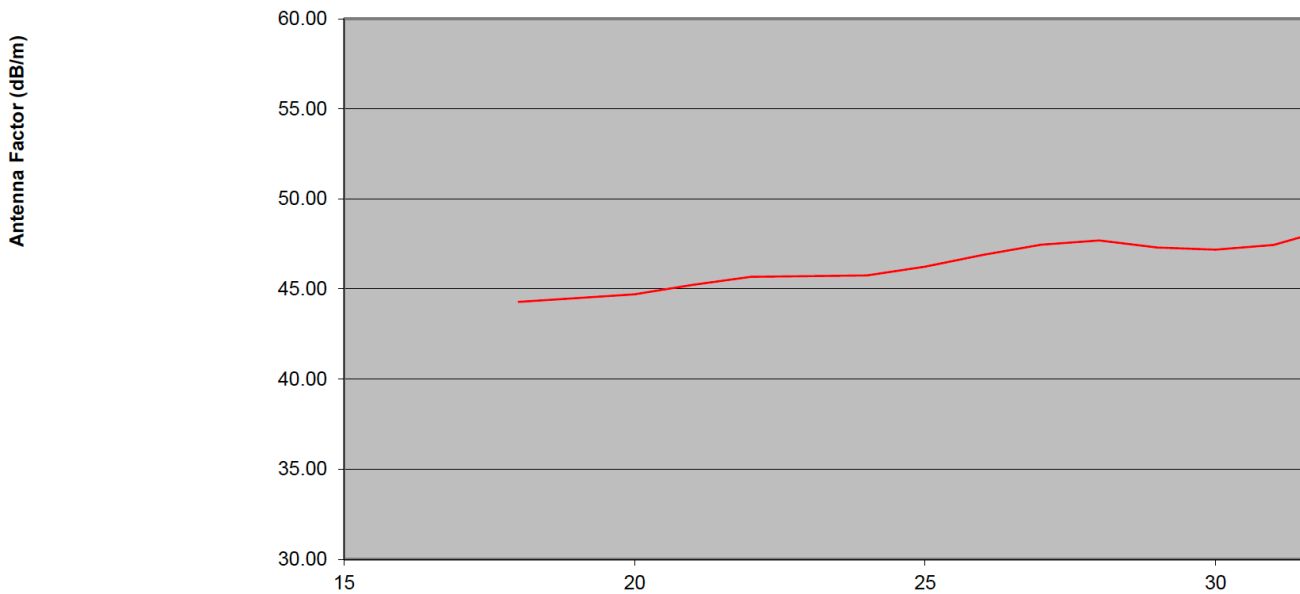
Height:	6.6 cm (2.6")
Width:	10.1 cm (4")
Length:	8.9 cm (3.5")
Weight:	19 kg (.41 lb.)
Mounting Options:	1/4 – 20 thread (included)

Specifications subject to change without notice, unless otherwise specified. Product is manufactured in Johnstown, NY, U.S.A.

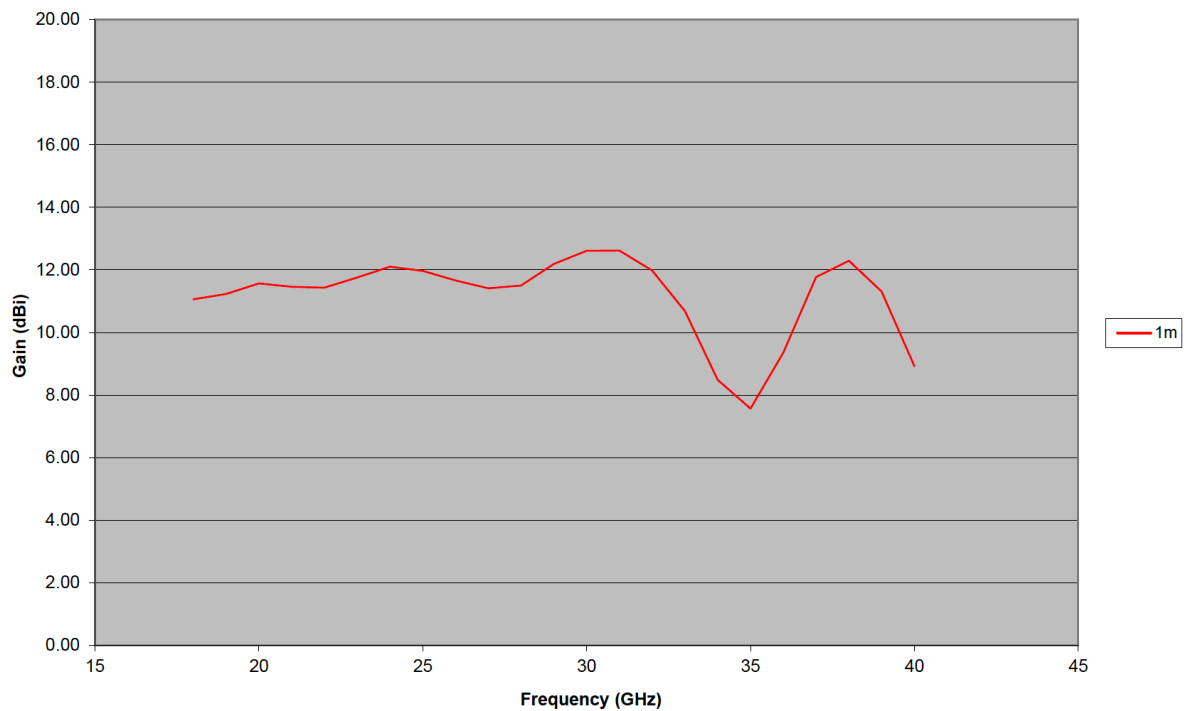


EM-6963 | Dual Ridge Horn Antenna

EM-6963 Typical Antenna Factors



EM-6963 Typical Gain Factors



Specifications subject to change without notice, unless otherwise specified. Product is manufactured in Johnstown, NY, U.S.A.

