

Description

The Model 1313-2-80M1G is a wide band, high-gain, log periodic antenna that provides field intensities of up to 220 V/M. With an average gain of 7.5 dB over isotropic and gain flatness of \pm 1 dB, the Model 1313-2-80M1G supplies the constant, high-intensity fields necessary for RFI/EMI field testing within and beyond the confines of a shielded room. It can also be used as a receiving antenna for RF emissions testing. The Model 1313-2-80M1G is compact and lightweight for ready mobility, yet is built tough for the extra demands of outdoor use and easily mounts on a flat surface or tripod. The Model 1313-2-80M1G allows polarization change without removing the antenna from the tripod.

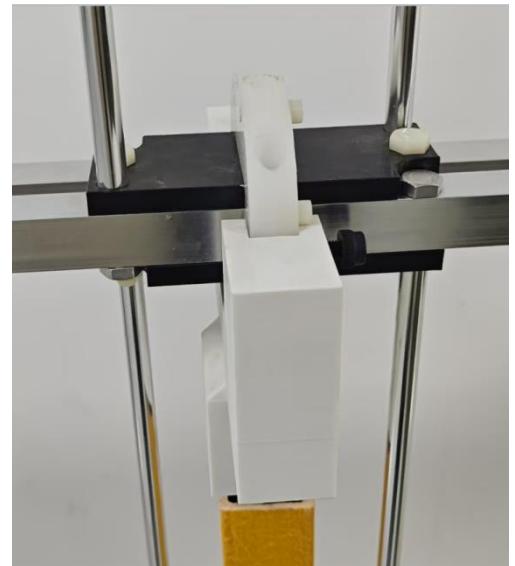


Bracket is not included

Specifications

All specifications are subject to change without notice. All values are typical, unless specified.

Frequency Range:	80 - 1000 MHz
Power Input(maximum):	1000 W
Power Gain(over isotropic):	6.5 dBi minimum 7.5 dBi average
Gain Flatness:	\pm 1.0 dB
Impedance:	50 ohms nominal
VSWR:	3.0:1 Maximum 2:1 Average
Beam Width(average):	E Plane 60 deg H Plane 105 deg
Front to Back Ratio(minimum):	15 dB
Connector:	N female
Weight:	7.7 kg
Size(WxHxD):	193 cm*10 cm*180 cm
Mouting Provisions:	Composite bracket 1313-2-80M1G-MP available. To provide stable support for the antenna. It also make antenna rotate around the main arm axis.



Rotation Mechanism

Typical Data

