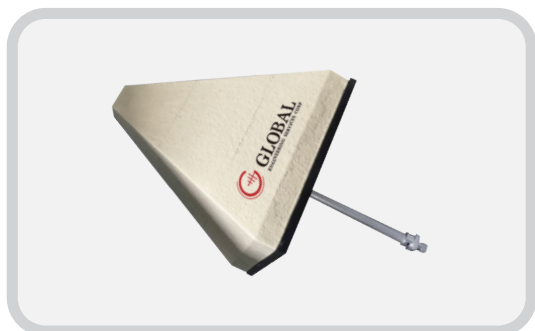


Log Periodic Antenna 1313-2-700M12G



Features

The 1313-2-700M12G is a wideband trapezoidal log-periodic antenna. It provides high power handling, nearly constant gain, and wide beam widths, which are nearly equal in the E and H planes. It is compact, light-weight and easily mounts to a bracket

Application

The 1313-2-700M12G is an ideal choice for applications requiring large uniform field areas, such as:

- > EC-61000-4-3
- > MIL STD-461 RS103
- > ISO 11451-2
- > ISO 11452-2
- > DO-160G Section 20
- > Various Other Applications

Specifications

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

Frequency Range: 700 MHz–12 GHz

Power Input: See Curve

Far Field Gain (Typical): 8 dBi (See Curve)

3db Beam Width (Average)(See Curve):

E-Plane: 57 Degrees

H-Plane: 60 Degrees

Vswr: 1.7:1 Typical; 3:1 Maximum

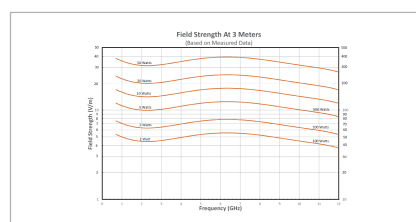
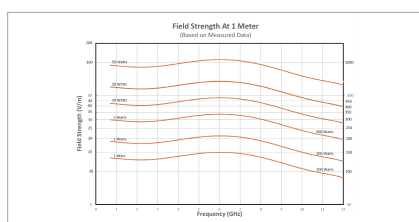
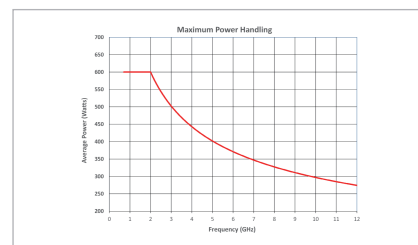
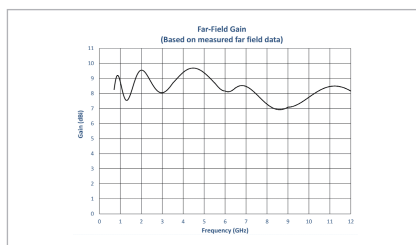
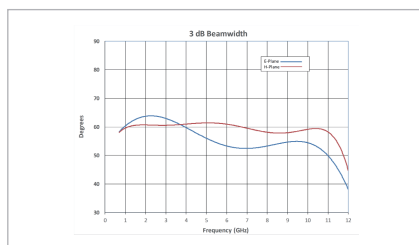
Connector: Type N (F)

Weight: 1.7 Kg (3 lbs, 12 oz)

Size (Wxhxd): 28 x 28 x 55 cm (11 x 11 x 21.5 in)

Mounting: May Be Bracket Mounted with Included Mount.

Typical Data



Field strengths shown are typical for free space. Proximity to conductive surfaces and the presence of the device under test will influence actual levels.