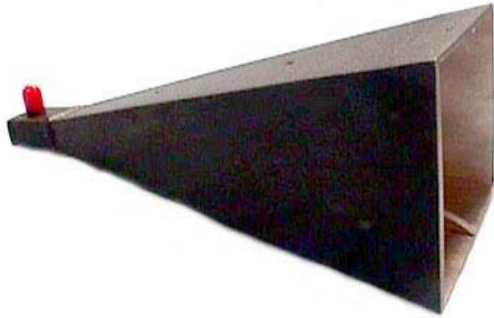


EM-6968 | Double Ridged Guide Antenna



Description

The EM-6968 Double Ridged Guide Antenna is a linearly polarized broadband antenna for specification compliance testing.

The versatile EM-6968 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-6968 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 antenna is ideal for measurements to meet **MILSTD-461/462 EMI specifications** as well as other standards. It is also well-suited for radiated susceptibility testing in the microwave range and general transmitting and receiving applications.

Specifications

Electrical

Frequency Range:	2.5 – 7.5 GHz
Polarization:	Linear
VSWR:	1.7:1 Max
Gain:	9.5 – 16.0 dBi
Beamwidth:	30° x 30° nominal at midband
Connector:	SMA Female

Mechanical

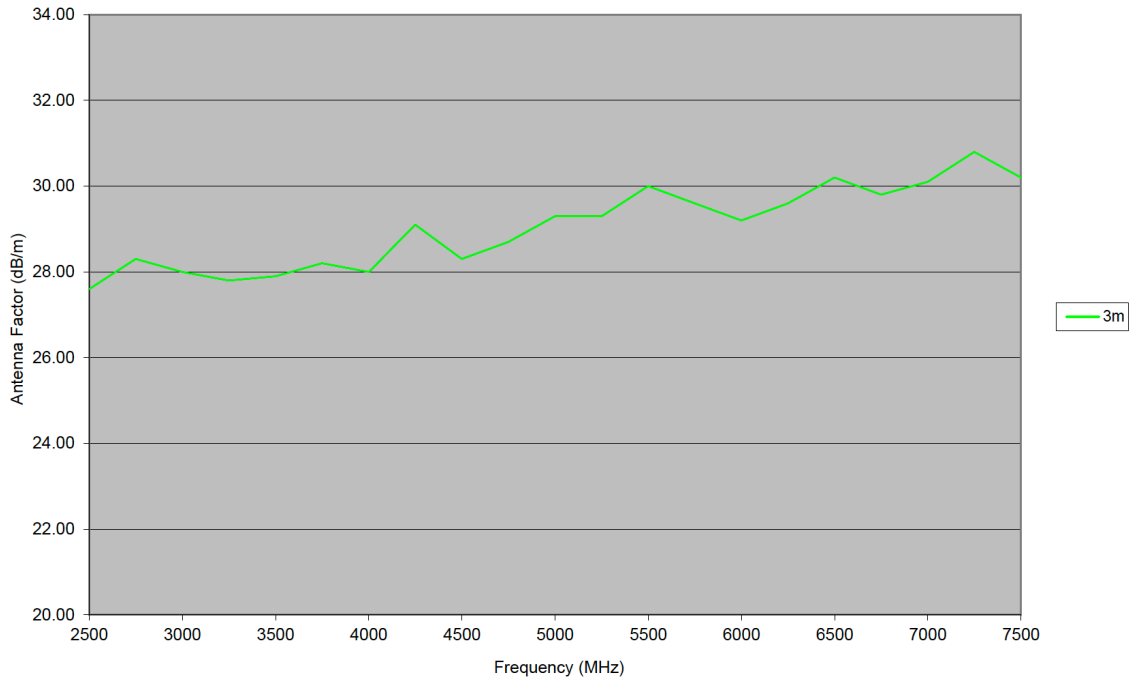
Height:	4.1"
Width:	5.5"
Length:	7.25"
Weight:	2.5 lbs.

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

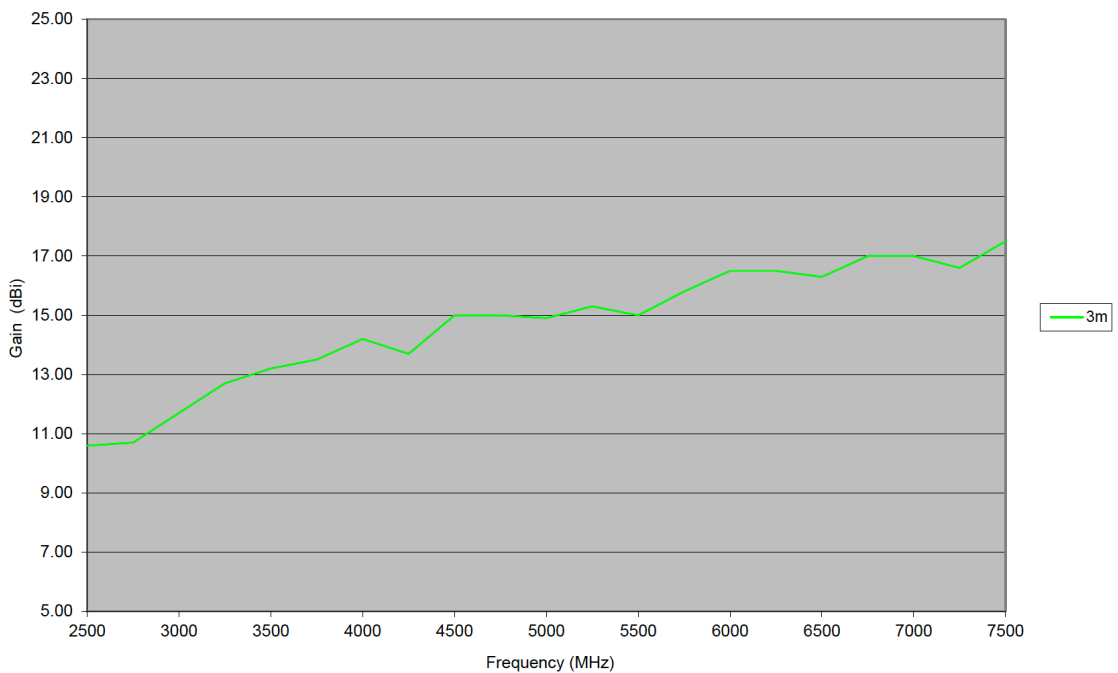


EM-6968 | Double Ridged Guide Antenna

EM-6968 Typical Antenna Factors



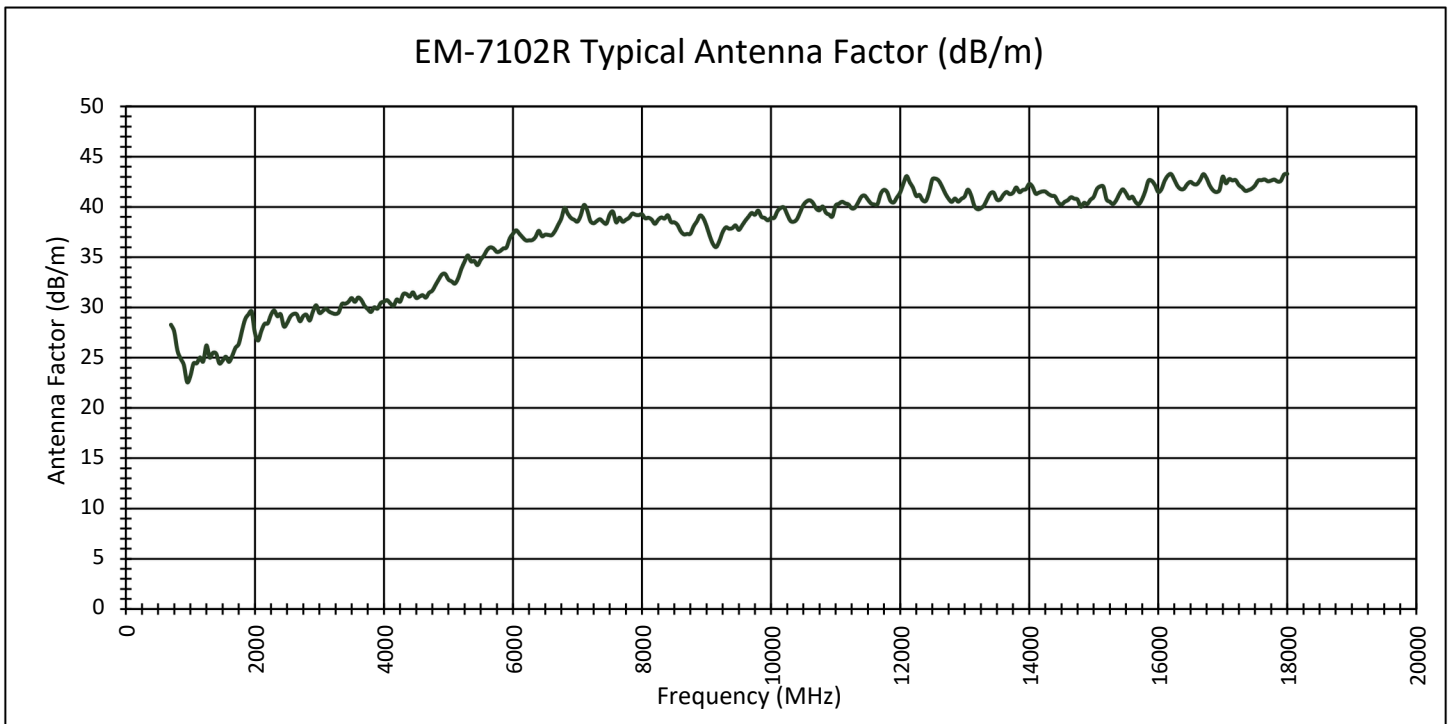
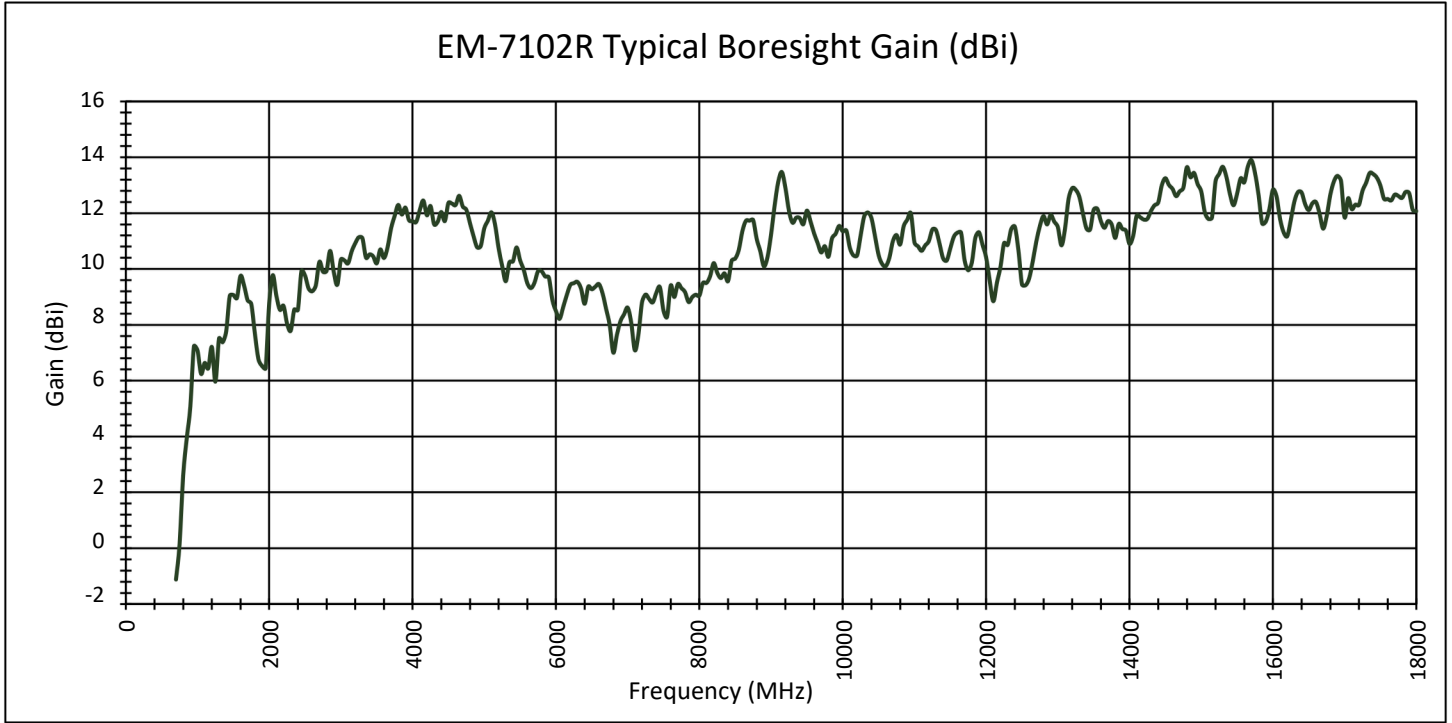
EM-6968 Typical Gain Factors



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



EM-7102R | Dual Ridged Horn Antenna with Random



Boresight measurements are taken along the antenna center axis of symmetry. Data shown is typical, not guaranteed.

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

