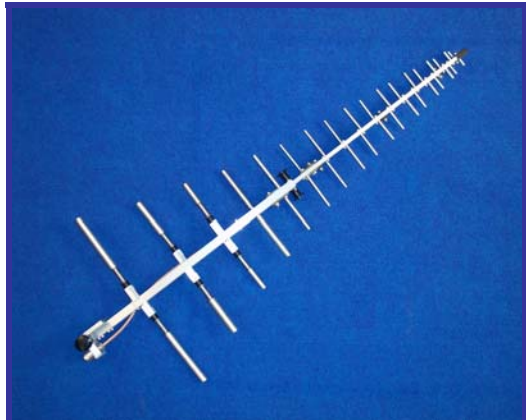


EM-6942 | Antenna, Tactical, Log Periodic

400 MHz to 4 GHz



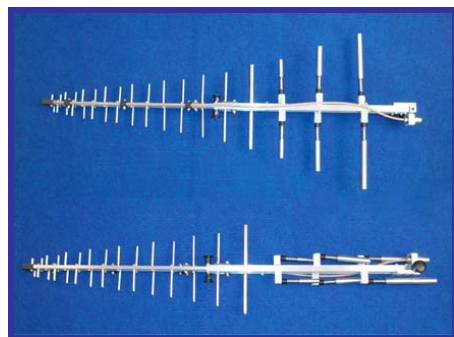
Description

The Electro-Metrics EM-6942 is a tactical receive and transmit capable antenna.

The antenna operates from 400 MHz to 4000 MHz and can handle up to 150W of RF input power.

The EM-6942 is designed for harsh environmental conditions and its folding elements and 2-section design simplifies transport and storage. The antenna can be mounted on a tripod or any 1/4-20 mount and be positioned for horizontal or vertical polarization.

The antenna is available in black, green, tan, white and irridited aluminum.



← Elements Extended

Disassembled →

← Elements Folded

Specifications

Electrical

Frequency Range: 400 MHz – 4 GHz

Impedance: 50 Ohms, Nominal

Gain: 6-10.5 dBi (500 MHz – 3.6 GHz)

Power Handling: 150 Watts

VSWR: < 2:1

Front to Back Ratio: >15 dB*

Connector: Type N female

Dimensions:

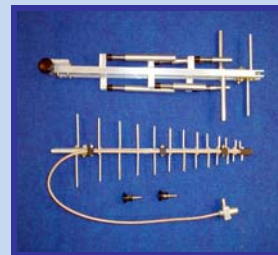
Assembled: 31.5" x 13.25" x 2.5"
80cm x 33.7cm x 6.4cm

Disassembled:
Front Boom: 15" x 5" x 1.5"
38.1cm x 12.7cm x 3.8cm

Rear Boom: 16.5" x 7" x 2.5"
41.9cm x 17.8cm x 6.4cm

Weight: 2.5 lbs, 1.14kg

*Front to back ratio degraded to 10 dB at certain discrete frequencies below 1000 MHz. See Chart on back.

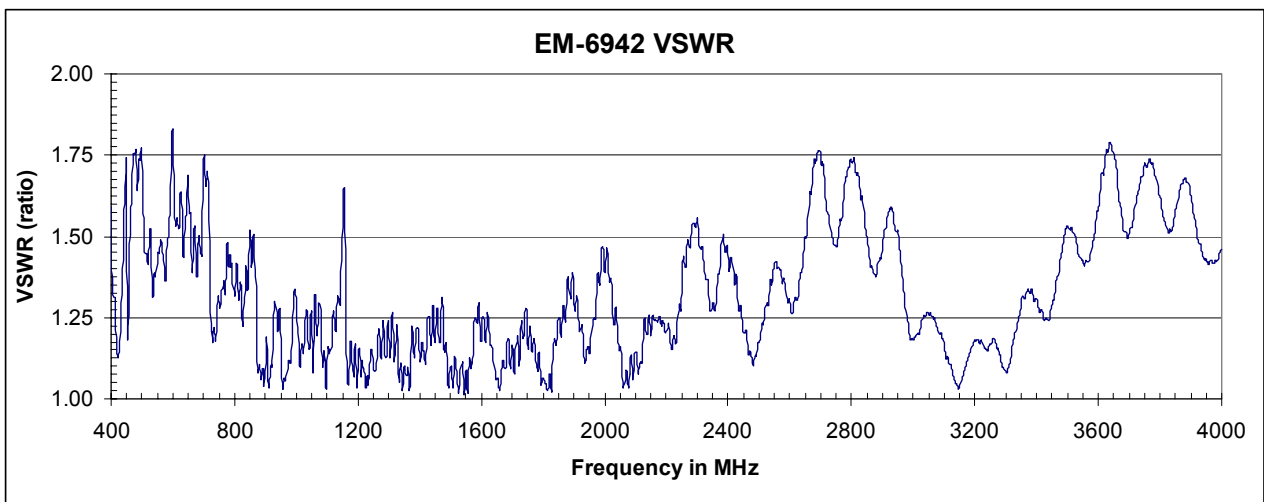
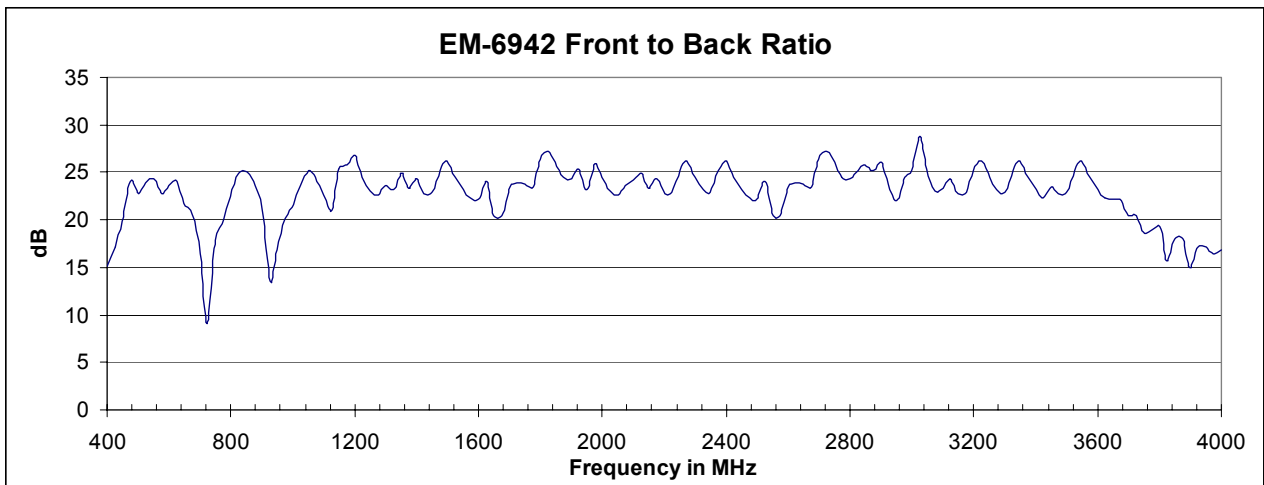
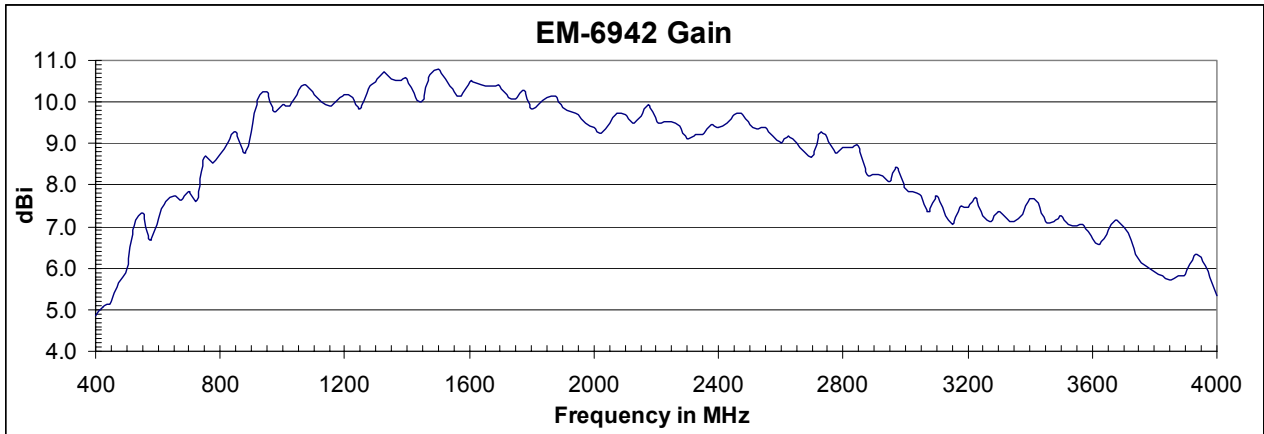


Specifications subject to change without notice. Unless otherwise specified, product is manufactured in Johnstown, NY, U.S.A.



Ref: 110106

Typical EM-6942 Data Plots



All data shown above is typical, and is not guaranteed identical for each individual antenna