



FRF-212-500

DATA SHEET

Description:

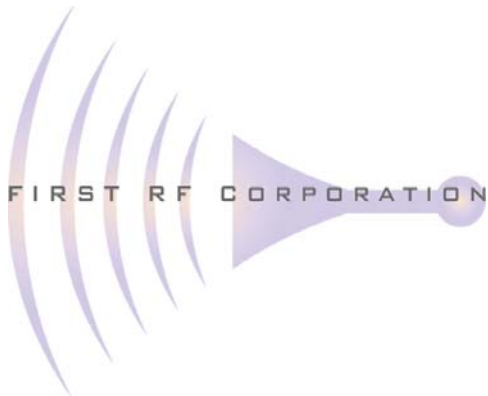
The FIRST RF Corporation FRF-212-500 module is an omni-directional, high gain, S/C-Band antenna suitable for installation on commercial and tactical wheeled vehicles.

Currently, the module is available in a ruggedized stackable packaging. The antenna module is compatible with the FRF-105D-501 (stackable antenna) or other compatible antenna.

The product is the latest version of the FIRST RF vehicular family of antennas which have been manufactured in high quantities.

The antenna has been designed to meet MIL-STD 810 environments and to pass additional Munson road test conditions when suitably mounted on the vehicle platform.

RF Performance Overview:



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FRF-212-500 stackable omni-directional WiMax module

Antenna Information:

Frequency Band: S/C Band
Typical Gain: +3 to +4 dBi
VSWR: less than 3:1
Connector: Interfaces to compatible stackable antenna, TNC

Environmental:

Designed to exceed MIL-STD-810F
Temperature: -40 to +71°C Operational

Mechanical Overview:

Nominal height: 11.5" tall
Diameter: 4.5"
Nominal weight: less than 3 lbs
Radome: Electrically Insulated to 10kV rms