

FRF-120 DATA SHEET

Description:

The FIRST RF Corporation FRF-120 antenna system is a flexible omni-directional L Band antenna suitable for installation on man portable systems.

The antenna provides narrow L Band coverage for various communications applications for body wearable configurations.

The antenna is available in a ruggedized direct connector (SMA) configuration.

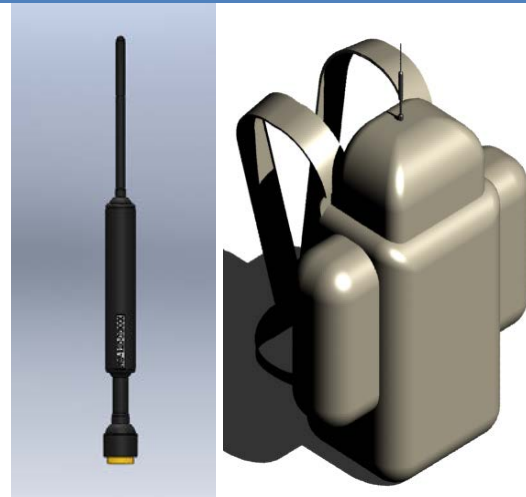
The antenna system has gone through extensive environmental and performance testing to ensure reliability in the harshest environments. The antenna exceeds MIL-STD-810F performance requirements.

Performance Overview:

Frequency: 1350-1390 MHz
Nominal Impedance: 50 Ohms
Power Handling: 15 W CW
Polarization: Vertical
VSWR: 2.0:1 Max

Environmental:

Designed to exceed MIL-STD-810F
Temperature: -40-+71°C Operational
Plastic coating for weather resistance



FRF-120 Antenna

Mechanical Overview:

Connector: SMA Male

Flexibility: flexible whip design

Physical Dimensions:
5.5" x .500" Dia

Antenna Weight:
15 grams

Backpack Mounting: Flexible direct connection
to output at top of backpack/radio