

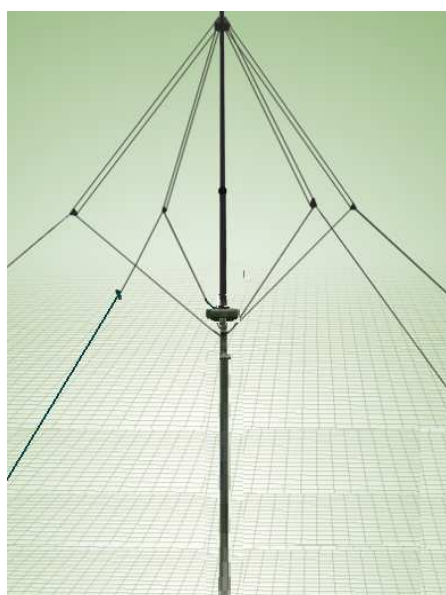
HIGH DIRECTION FINDING ANTENNA

The HF DF Antenna is a HF Cross Loops Antenna. This Antenna is a ground-based Antenna, use to find out the signal direction of High Frequency transmissions. RF electronics circuit of the antenna is housed in a waterproof enclosure. HF DF antenna can be operated in following modes:

- Monopole
- RHC Right Hand Circular Polarization
- LHC Left Hand Circular Polarization

Features

- HF DF antennas offer high direction accuracy.
- Frequency Range of antenna from 0.5 to 30 MHz.
- Protection against lightning strikes.
- Suitable for ground waves and low-angle sky waves.
- Omni directional Coverage at 360°
- Quick to deploy; Standalone deployment
- Ruggedised & Weatherized construction
- High performance, 7 set of antenna array





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Technical Specification

Performance Characteristics	
Output impedance	50 Ohms nominal
VSWR	better than 1.5:1
Number of array in one set	7
Azimuthal range	360°
Signal incident wave polarization	Vertical
Electrical Characteristics	
Power (from DF Equipment)	±24V DC
Frequency Range	0.5 to 30 MHz
Interface Connector	
RF Connector	N-Type, Female
Mechanical Specifications	
Height	4500 mm
Weight	7.5 Kgs. With accessories
Color	Forest Green
Environmental	
Operating	-30 to +70° C
Non-operating	-40 to +85° C
Humidity	0 to 95% RH
Applicable Standards	
Environmental Standard	As per MIL-STD 810F

Data and specifications are subject to change without notice

Released On: PEL 16062014-I

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