

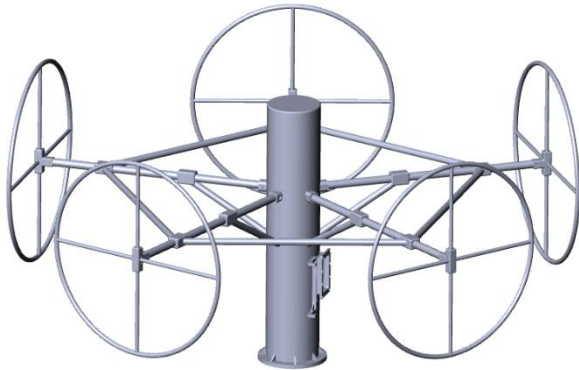
# HF DF Loop Antenna

1 – 30 MHz

Product Code: DF-A0313

VERSION: 1.0

**SPECIFICATIONS:**



<b>Electrical:</b>	
Frequency range	1 – 30 MHz
Nominal input impedance	50 $\Omega$
Antenna type	5-element DF interferometer
Polarisation	Vertical
Output cables	RG 400 cables (qty 5)
Connectors	TNC male
<b>Mechanical:</b>	
Antenna weight	< 50 kg
Assembled height	< 1.3 m
Assembled diameter	< 2.6 m
<b>Environmental: designed to meet the following specifications</b>	
Maximum wind speed	150 km/h (without ice)

**ELECTRICAL FEATURES:**

- HF DF
- 5-element interferometer

**MECHANICAL FEATURES:**

- Robust construction
- Naval hardened

**RELATED PRODUCTS:**

- DFS-A0313
- DF-A0314

**PRODUCT DESCRIPTION:**

This direction finding antenna covers a frequency range of 1 MHz to 30 MHz. The antenna is hardened with supports to allow for Naval applications. The loops give excellent DF sensitivity in the HF band.

This DF antenna is designed to be used with a 5-channel phase-sensitive receiver, and correlative algorithm. Calibration of the antenna can be performed on request.

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Estimated Sensitivity:

