

# 8-Element Direction Finding Antenna

20 MHz - 1000 MHz

Product Code: DF-A0275

VERSION: 1.1

## SPECIFICATIONS:

<b>Electrical:</b>	
Frequency range	20 MHz – 1000 MHz
Nominal input impedance	50 Ω
Antenna type	8-element DF interferometer
Polarisation	Vertical
Output cables	RG 400 cables (qty 8)
Connectors	TNC male
<b>Mechanical:</b>	
Maximum wind speed	160 km/h (without ice)
Antenna weight	85 kg (TBC)
Assembled height	1600mm (TBC)
Assembled diameter (max)	1200 mm



## PRODUCT DESCRIPTION:

The DF-A0275 wideband direction finding antenna covers a frequency range of 20MHz to 1000MHz. Shipped in a compact storage and transport box, the antenna can be assembled by one person in 15minutes, without special tools.

The antenna provides excellent sensitivity at the higher frequency end of the band (>200MHz), while still achieving reasonable direction finding accuracy all the way down to 20MHz in a single radiator array.

Dipole elements provide good cross-polarisation rejection, and fair performance for signals arriving from up to 15° above or below the horizon.

The top flange mount provides a mounting interface for other system components or sensors

## ELECTRICAL FEATURES:

- Wideband performance
- 8-element interferometer, designed to be used with correlative algorithms

## MECHANICAL FEATURES:

- Robust construction
- Waterproof
- Quick assembly

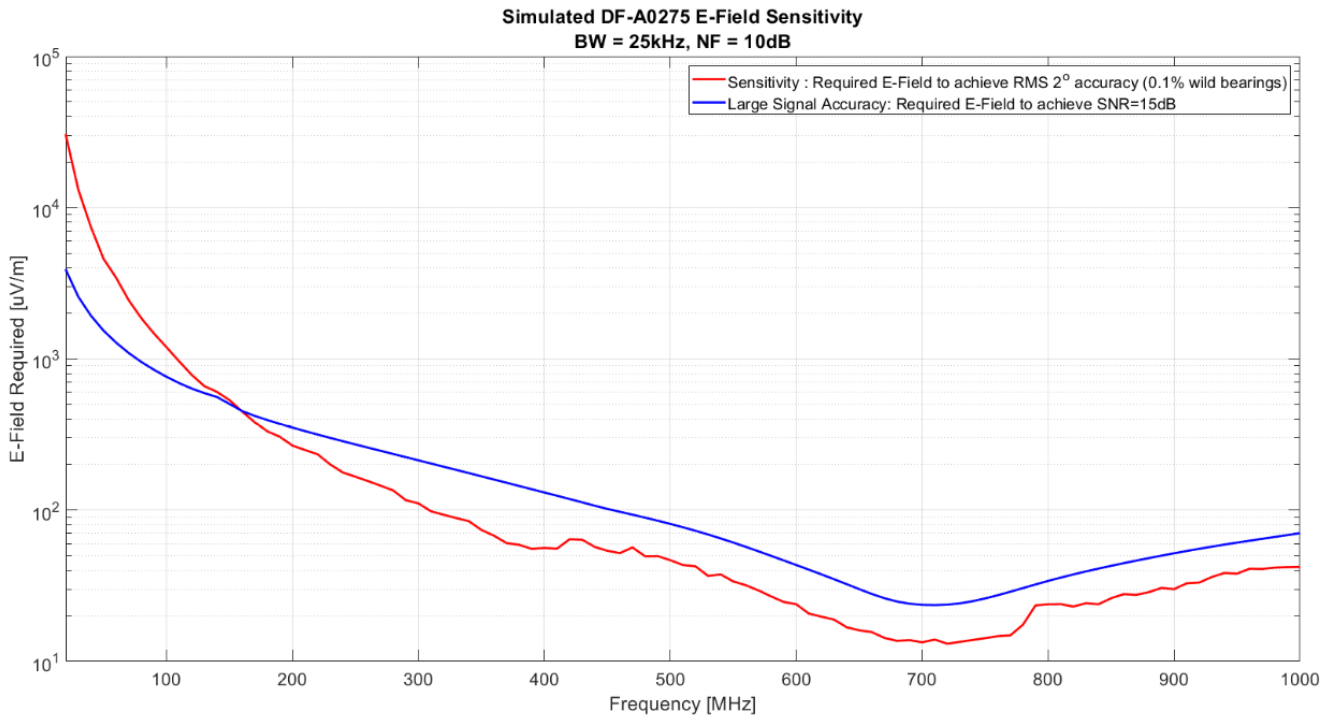
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## DF-A0275 Simulated Sensitivity:



## DF-A0275 Simulated Accuracy:

