



SPECIFICATIONS:

Electrical:	
Frequency range	1 – 3 GHz, reduced performance below 1GHz
Nominal input impedance	50 Ω
Antenna type	5 Element DF Interferometer
Strong signal DF Accuracy	< 1 ^o RMS
Gain typical	0 dBi
Polarisation	Vertical
Mechanical:	
Dimensions (h x d)	490 mm x 310 mm
Weight	10 kg
Mounting Method	Fixed Mounting flange for mast or mobile mounting
Material	Aluminium, fibregalss
Environmental:	
Wind Loading	0.2 m ²
Temperature (operational)	- 30 ^o C - +65 ^o C
Water Ingress Rating	IP67
Wind Survival	160 km/h
UV Stability BS 3900; Part F16, method A. Lamps: UVB (313): total duration 500 h	Product exceeds requirements set out by the British Standard

FEATURES:

- Highly Versatile
- Accurate DF Applications
- Vertical Polarisation
- Easy to assemble and disassemble
- Rugged construction

APPLICATIONS:

- Mobile and fixed DF Applications

PRODUCT DESCRIPTION

This Direction Finding Antenna from Poynting Antennas originates from the well-established DF-A0001 wideband DF antenna. This antenna is the highest-frequency set only, it covers 1 – 3 GHz. It is suitable for tactical as well as fixed applications.

The five element interferometer antenna is located inside a radome with the electrical connections for the five channels being available near the base as depicted or via the center of the mast as required. These can then be terminated into an ASU or extended for direct connection into a receiver.

This antenna is designed to be part of a modular system that can be expanded in frequency coverage, when combined with two other sections, to cover 20 – 3000 MHz.