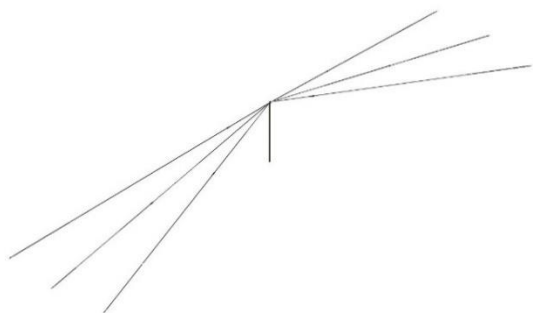


High Frequency Wideband Dipole Antenna

1.5 – 30 MHz

VERSION: 1.2

Product Code: RWD1000/1.5



SPECIFICATIONS:

Alaris Product Code:	RA01-0130-01
Electrical:	
Frequency range	1.5 – 30 MHz
VSWR	< 3:1
Nominal input impedance	50 Ω nominal
Connectors	N-type female
Power input	1000 W
Polarisation	Linear
Mechanical:	
Dimensions	Length: 66 m
Total mass	< 25 kg
Mast vertical load	< 85 kg
Environmental: designed to meet the following specifications	
Designed to comply with MIL-STD-810F	
Wind survival	120 km/h

PRODUCT DESCRIPTION:

The RWD1000/1.5 is a tough and rugged, yet highly efficient HF wideband dipole antenna, covering the frequency range 1.5 MHz to 30 MHz, ideal for base station and static mobile applications.

Ideal for short (NVIS), medium and long range communications, the RWD1000/1.5 can be erected in minutes in either an inverted 'V' or horizontal configurations, and being omni-directional, can be positioned without consideration to the direction of transmission, making it ideal for use in multiple station networks.

Typical deployment time is approximately 10 to 15 minutes.

PRODUCT FEATURES:

- Wideband (1.5 to 30 MHz)
- Rugged
- Quick deployment
- Compact storage

APPLICATIONS:

- Base station communications
- Static mobile communications
- High-power transmission

High Frequency Wideband Dipole Antenna

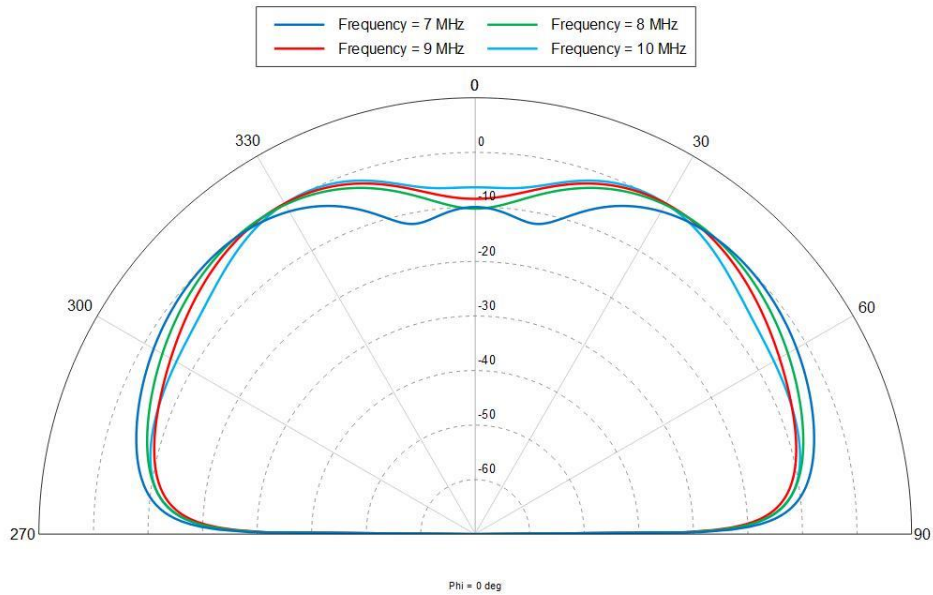
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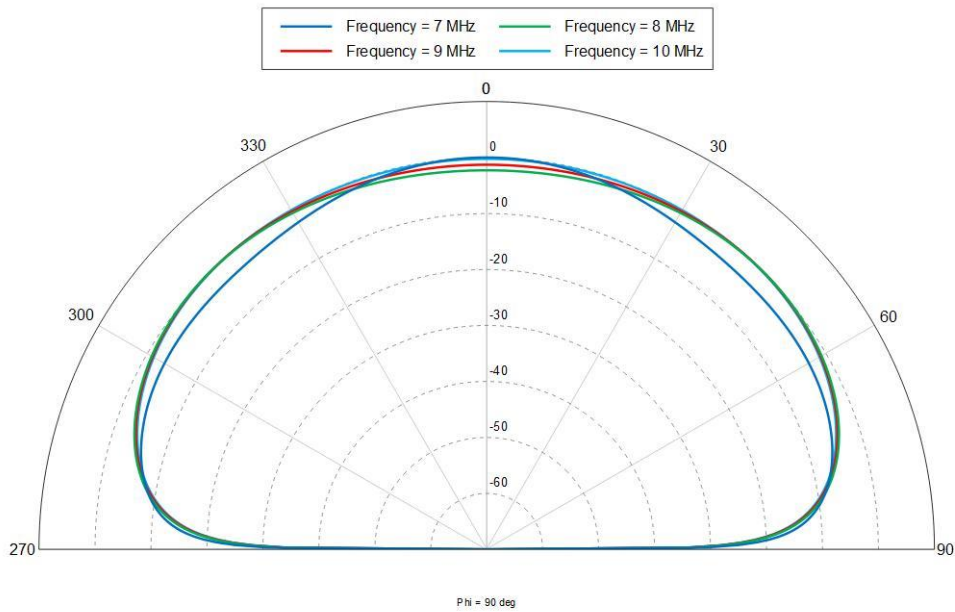
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Radiation patterns (estimated):

Estimated Normalised Radiation Patterns of the RWD1000/1.5



Estimated Normalised Radiation Patterns of the RWD1000/1.5



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VSWR:

