

# High Frequency Wideband Dipole Antenna

1.5 – 30 MHz

VERSION: 1.5

Product Code: RWD7500/1.5



## SPECIFICATIONS:

<b>Alaris Product Code:</b>	RA01-0175-01
<b>Electrical:</b>	
Frequency range	1.5 – 30 MHz
VSWR	< 3:1
Nominal input impedance	50 $\Omega$ nominal
Connectors	EIA 1 5/8"
Power input	7.5 kW CW
<b>Mechanical:</b>	
Dimensions	Length: 66 m
Total mass	< 125 kg
<b>Environmental: designed to meet the following specifications</b>	
Designed to comply with MIL-STD-810G	
Wind survival	100 km/h

## PRODUCT DESCRIPTION:

The RWD7500/1.5 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 RWD7500/1.5 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

