

30-90 MHz Wire Discone Antenna

30 – 90 MHz

Product Code: RDA30-90

VERSION: 1.2



SPECIFICATIONS:

Alaris Product Code:	RA24-0101-01
Electrical:	
Frequency range	30 – 90 MHz
Power input	100 W
VSWR	< 2.5:1
Gain	0 – 2dBi
Nominal input impedance	50 Ω
Pattern	Omni-directional
Mechanical:	
Dimensions	Height: 2.7m Width: 2m
Total mass	Antenna: 2.2kg RSM-6 Companion Mast: 3kg
Environmental: designed to meet the following specifications	
Designed to comply with MIL-STD-810F	

PRODUCT DESCRIPTION:

The RDA30-90 is a lightweight wideband VHF wire 'disc-cone' antenna, operating in the 30 – 90 MHz frequency range, ideal for static mobile and man-portable applications.

The disc elements are made of fibre glass composite, ensuring low weight and high strength for the roughest of conditions.

The cone radials are plastic coated wire and also serve as the guy ropes when used with the companion RSM-6 portable mast.

Each RDA30-90 is supplied in a handy canvas bag for easy transport and storage.

For base station applications where integral guy ropes are not required, the wire radials/ropes are replaceable with fibre glass composite elements, for use where the mast is self-supporting. (RDA30-90S)