

UHF Centre-Fed Dipole Antenna

410 – 510 MHz

Product Code: RPD410-510

VERSION: 1.5

SPECIFICATIONS:



Alaris Product Code:	RA12-0625-01 (Silver BNC Connector)
	RA12-0625-02 (Black BNC Connector)
	RA12-0625-03 (Silver TNC Connector)
	RA12-0625-04 (Silver Blackened TNC Connector)
Electrical:	
Frequency range	410 – 510 MHz
VSWR	< 2.5:1
Power Input	1 W
Gain	2 dBi
Polarisation	Vertical
Nominal input impedance	50 Ω
Connectors	BNC/TNC male
Pattern	Omni-directional
Mechanical:	
Weight:	< 80 grams
Length:	< 337 mm
Diameter:	< 17 mm
Colour:	Matt Black
Environmental: designed to meet the following specifications	
Designed to meet MIL-STD-810F	

PRODUCT DESCRIPTION:

The RPD410-510 mobile antenna is an omni-directional, vertically polarised, rugged and versatile UHF antenna intended for portable radio communication in the 410 to 510 MHz frequency range.

Encased in a flexible silicon rubber sleeve, the RPD410-510 is robust, impact resistant, and able to withstand the rigorous demands of harsh environments.

Being centre-fed in design, the RPD410-510 is groundplane independent and therefore ideal on platforms where limited or no groundplane is available.

PRODUCT FEATURES:

- UHF (410 – 510 MHz)
- Omni-directional
- Vertically polarised
- Rugged
- Versatile

APPLICATIONS:

- Portable communications