

## 3db colinear 138-142 MHz

### DESCRIPTION

A rugged and durable VHF Colinear antenna housed inside a high-strength, glassfibre shroud. An integrated mounting clamp allows easy installation on poles or horizontal rails. Produced to the highest quality standards, these robust antenna designs will ensure reliable operation in harsh environmental conditions.

- Former Jaybeam brand product.

### SPECIFICATIONS

Electrical	
Frequency	138 - 142 MHz
Polarisation	Vertical
3 dB Beamwidth, E-Plane	35 °
3 dB Beamwidth, H-Plane	Omnidirectional
Impedance	50 Ω
Gain	3 dBd (5.2 dBi)
VSWR	< 1.5:1
Max. Input Power	150 W
Antistatic Protection	All metal parts DC-grounded (Connector shows a DC-short)

Mechanical	
Connection(s)	N(f) on 300mm RG213/U cable
Materials	Base: Aluminium Shroud: GRP tube
Length	3100 mm / 122.05 in.
Wind Load	89 N (160km/h)
Weight	2 kg / 4.41 lb
Mounting	Integral mounting clamp to fit 38 - 50 mm dia. pipe or horizontal rail

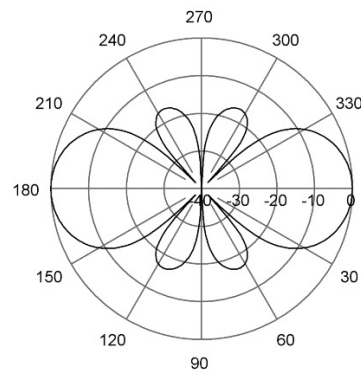
### ORDERING

Type	Product No.	Frequency
3db colinear 138-142 MHz	7513140	138 - 142 MHz



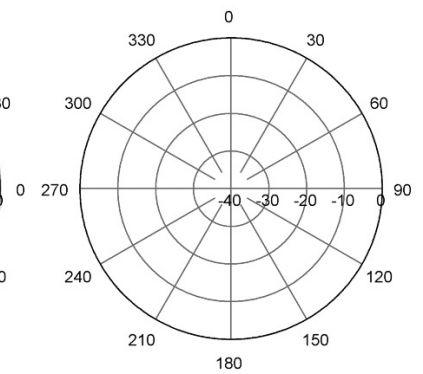
### DIAGRAM

RADIATION PATTERNS



E-Plane | 140 MHz

RADIATION PATTERNS



H-Plane | 140 MHz

