

End fed dipole 118-137 MHz

DESCRIPTION

A rugged and durable VHF End Fed Dipole 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	118 - 136 MHz
Max. Input Power	150 W
Polarisation	Vertical
3 dB Beamwidth, E-Plane	80 °
3 dB Beamwidth, H-Plane	Omnidirectional
Impedance	50 Ω
Gain	0 dBd (2.2 dBi)
VSWR	< 1.5:1
Antistatic Protection	All metal parts DC-grounded (Connector shows a DC-short)

Mechanical	
Connection(s)	N(f) on 500mm RG213/U cable
Materials	Base: Aluminium Shroud: GRP tube
Length	1570 mm / 61.81 in.
Wind Load	42 N (160km/h)
Weight	1.2 kg / 2.65 lb
Mounting	Integral mounting clamp to fit 38 - 50 mm dia. pipe or horizontal rail

Environmental	
Operating Temperature Range	-40 to 70 °C
Survival Wind Speed	200 km/h

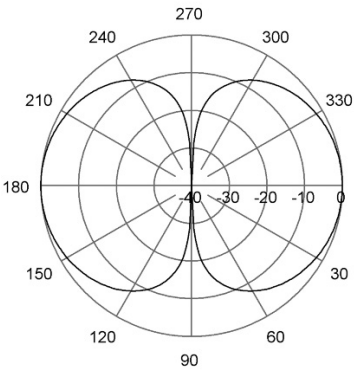
ORDERING

Model	Product No.	Frequency
End fed dipole 118-137 MHz	7500118	118 - 136 MHz



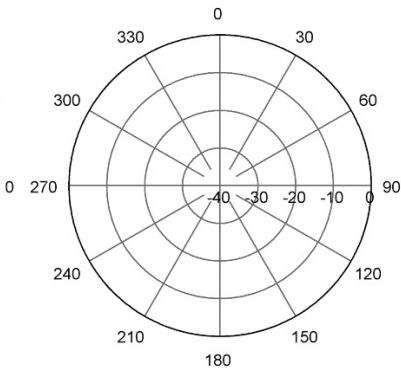
DIAGRAM

RADIATION PATTERNS



E-Plane | 127 MHz

RADIATION PATTERNS



H-Plane | 127 MHz

