

End fed dipole 325-355MHz

DESCRIPTION

A UHF End Fed Dipole antenna designed for PMR / TETRA networks. The antenna is housed inside a high-strength, glassfibre shroud and contains an integrated mounting clamp for easy installation to poles or horizontal rails. Produced to the highest quality standards, these robust antenna designs will provide years of reliable operation.

- Former Jaybeam brand product.

SPECIFICATIONS

Electrical	
Frequency	325 - 355 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	1460 mm / 57.48 in.
Wind Load	35 N (160km/h)
Weight	1 kg / 2.20 lb
Mounting	Integral mounting clamp to fit 38 - 50 mm dia. pipe or horizontal rail
Environmental	
Operating temperature range	-40°C to +70°C

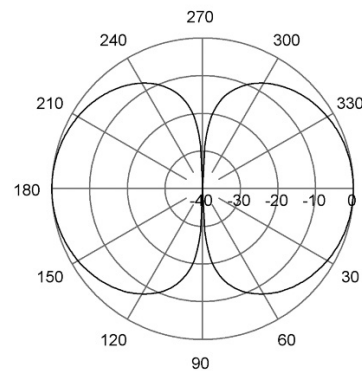
ORDERING

Model	Product No.	Frequency
End fed dipole 325-355MHz	7501340	325 - 355 MHz



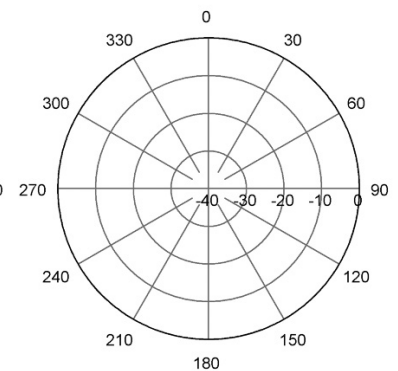
DIAGRAM

RADIATION PATTERNS



E-Plane | 340 MHz

RADIATION PATTERNS



H-Plane | 340 MHz

