End fed dipole 810-875 MHz

DESCRIPTION

A UHF 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 years of reliable operation.
• Former Jaybeam brand product.

SPECIFICATIONS

Electrical	
Frequency	810 - 875 MHz
Max. Input Power	50 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)

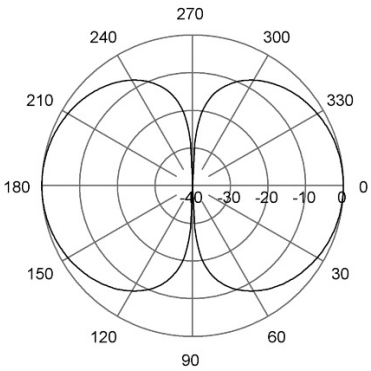
Mechanical	
Connection(s)	N(f) on 300mm RG213/U cable
Materials	Base: Aluminium Shroud: GRP tube
Length	250 mm / 9.84 in.
Wind Load	11 N (160km/h)
Weight	0.9 kg / 1.98 lb
Mounting	Integral mounting clamp to fit 38 - 50 mm dia. pipe or horizontal rail

ORDERING

Model	Product No.	Frequency
End fed dipole 810-875 MHz	7511835	810 - 875 MHz

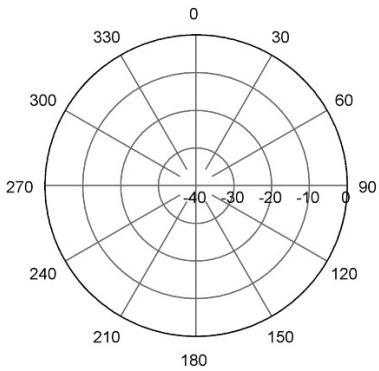
DIAGRAM

RADIATION PATTERNS



E-Plane | 842 MHz

RADIATION PATTERNS



H-Plane | 842 MHz