

End fed dipole 420 - 470 MHz

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.



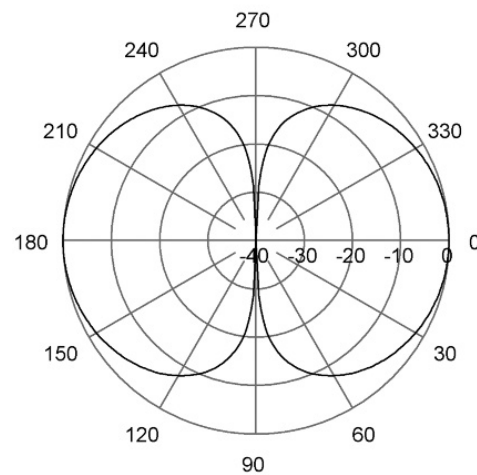
SPECIFICATIONS

Electrical	
Model	7501450
Frequency	420 - 470 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	Approx. 605 mm / 23.82 in.
Wind Load	16 N (160 km/h)
Weight	Approx. 0.9 kg / 1.98 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

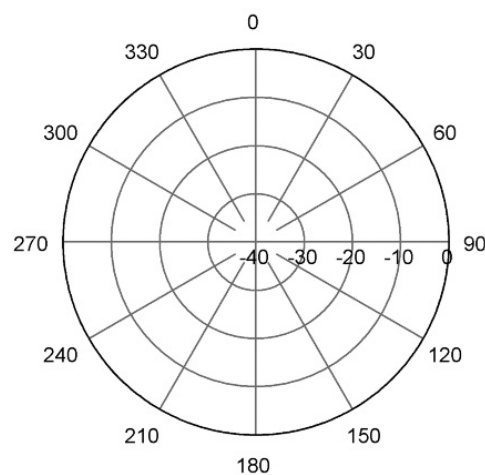
Model	Product No.	Frequency
End fed dipole	7501450	420 - 470 MHz

RADIATION PATTERNS



E-Plane | 445 MHz

RADIATION PATTERNS



H-Plane | 445 MHz