



7502000

End fed dipole 225 - 400 MHz



DESCRIPTION

- A Heavy Duty VHF / UHF End Fed Dipole antenna for high power UHF AIR BAND and Trunked Radio applications.
- Produced to the highest quality standards, these robust antenna designs will ensure reliable operation in harsh environmental conditions.
- Former Jaybeam brand product.

SPECIFICATION

Electrical	
Model	7502000
Frequency	225 – 400 MHz
Max. Input Power	500 W
3 dB Beamwidth, H-Plane	Omnidirectional
Polarisation	Vertical
3 dB Beamwidth, E-Plane	85 °
Impedance	50 Ω
Gain	0 dBd (2.2 dBi)
VSWR	< 2.0:1 typical, < 2.3:1 max
Antistatic Protection	All metal parts DC-grounded (Connector shows a DC-short)

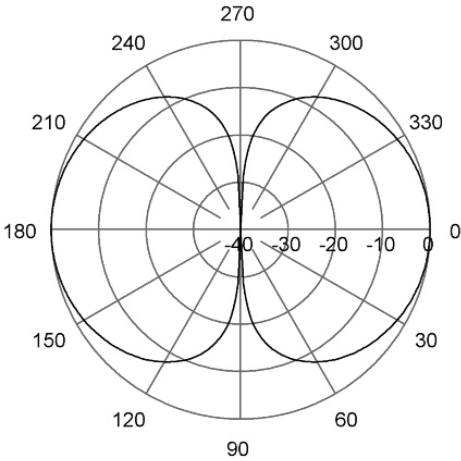
Environmental	
Operating temperature range	-40 °C to +70 °C
Survival Wind Speed	220 km/h (no ice) / 190km/h (20 mm radial ice)
Mechanical	
Connection(s)	N(f)
Materials	Base : Aluminium Shroud : GRP tube
Length	Approx. 1216 mm / 47.87 in.
Historic Brand	Jaybeam
Wind Load	150 N (160 km/h)
Weight	Approx. 2 kg / 4.41 lb.
Mounting Bracket	0300120/00 (Ordered Separately) ETC-250 (50 to 76 mm dia.) (Ordered Separately)
Alternate Mounting Bracket	0300066/00 (Ordered Separately)

ORDERING CODES

Model	Product No.
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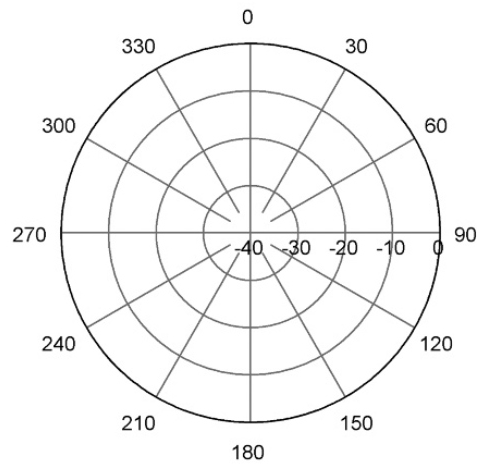
DIAGRAMS

RADIATION PATTERNS



E-Plane | 312 MHz

RADIATION PATTERNS



H-Plane | 312 MHz

