

3 dB colinear 420 - 450 MHz

DESCRIPTION

- A rugged and durable UHF colinear antenna designed for Telemetry, Paging and PMR/Trunked Radio applications.
- Housed inside a a high-strength glass fibre shroud, the antenna includes an integrated mounting clamp allowing easy installation on poles or horizontal rails.
- The robust antenna design ensures reliable operation in harsh environmental conditions.
- Former Jaybeam brand product.



SPECIFICATIONS

Electrical	
Model	7533420
Frequency	420 - 450 MHz
Max. Input Power	150 W
Polarisation	Vertical
3 dB Beamwidth, E-Plane	35 °
3 dB Beamwidth, H-Plane	Omnidirectional
Impedance	50 Ω
Gain	3 dBd (5.2 dBi)
VSWR	< 1.5:1
Antistatic Protection	All metal parts DC-grounded (Connector shows a DC-short)

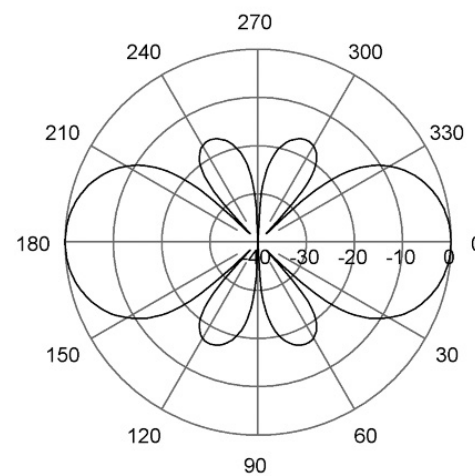
Mechanical	
Connection(s)	N(f) on 300mm RG213/U cable
Materials	Base : Aluminium Shroud : GRP tube
Length	Approx. 1500 mm / 59.06 in.
Wind Load	35 N (160 km/h)
Weight	Approx. 1.5 kg / 3.31 lb.
Mounting	Integral mounting clamp to fit 38 - 50 mm dia. pipe or horizontal rail

Environmental	
Operating temperature range	-40°C to +70°C

ORDERING

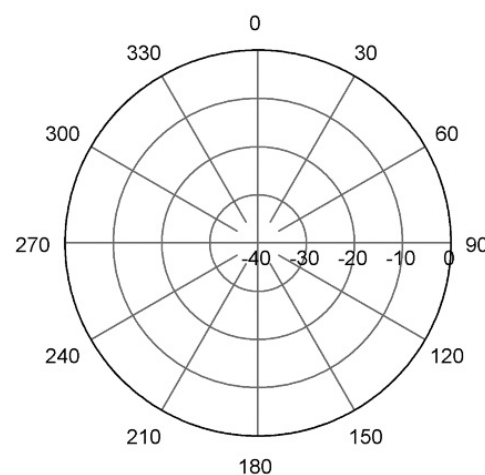
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3 dB colinear	7533420	420 - 450 MHz

RADIATION PATTERNS



E-Plane | 435 MHz

RADIATION PATTERNS



H-Plane | 435 MHz