

5.5 dBd colinear 145 - 150 MHz

DESCRIPTION

- A rugged and durable Colinear antenna designed for VHF Trunked Radio applications.
- These antennas are housed inside a high-strength, glassfibre shroud and manufactured to the highest quality standards insuring long term, reliable operation.
- Former Jaybeam brand product.



SPECIFICATIONS

Electrical	
Model	7073147
Frequency	145 - 150 MHz
Max. Input Power	200 W
Polarisation	Vertical
3 dB Beamwidth, E-Plane	18° ±1°
3 dB Beamwidth, H-Plane	Omnidirectional
Impedance	50 Ω
Gain	5.5 dBd (7.7 dBi)
VSWR	< 1.5:1

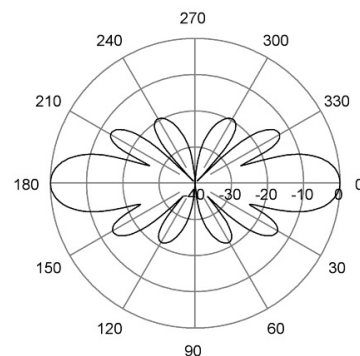
Mechanical	
Connection(s)	N(f)
Materials	Antenna Base : Aluminium Shroud : GRP tube, tapered Radiating element : Brass
Mounting Section	Aluminium tube 48.4 mm dia.
Dimensions	5180 (l) x 53 (dia.) mm / 203.94 (l) x 2.09 (dia.) in.
Wind Load	260 N (160 km/h)
Weight	Approx. 6.5 kg / 14.33 lb.
Mounting Bracket	2141.01.00.00 (up to 120 mm dia.) (Ordered Separately) ETC-250 (50 to 76 mm dia.) (Ordered Separately)

Environmental	
Operating temperature range	-50 °C to +55 °C
Ingress Protection	IP56

ORDERING

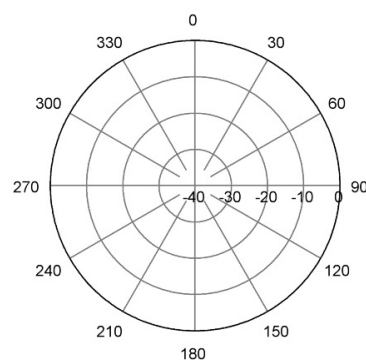
Model	Product No.	Description	Frequency
5.5 dBd colinear	7073147		145 - 150 MHz
Accessories			
Galvanised steel parallel bracket	2141.01.00.00	38 - 120 mm (PAIR)	
Extruded Parallel Tube Clamp	ETC-250	50 - 76 mm	

RADIATION PATTERNS



E-Plane | 148 MHz

RADIATION PATTERNS



H-Plane | 148 MHz

