

5dBi colinear 860-925 MHz

DESCRIPTION

A rugged and durable UHF colinear antenna designed for Telemetry, Paging and PMR/Trunked Radio applications. Housed inside 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.



ORDERING

Model	Product No.	Frequency
5dBi colinear 860-925 MHz	7553893	860 - 925 MHz

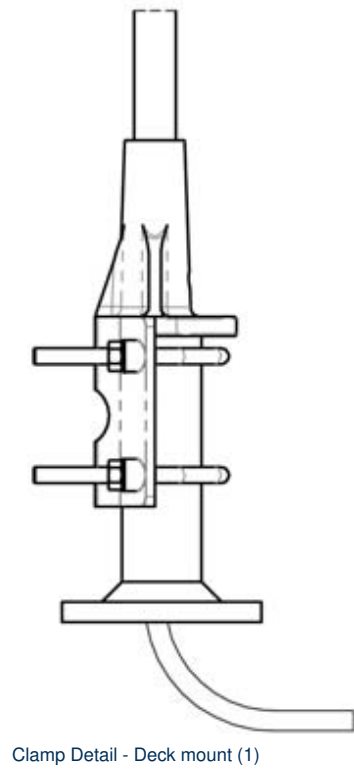
SPECIFICATIONS

Electrical	
Frequency	860 - 925 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 500mm RG213/U cable
Radome Material / Colour	GRP tube white, 21mm dia.
Length	730 mm / 28.74 in.
Wind Load	35 N (160km/h)
Weight	0.5 kg / 1.10 lb
Mounting	Integral mounting clamp to fit 38 - 50 mm dia. pipe or horizontal rail

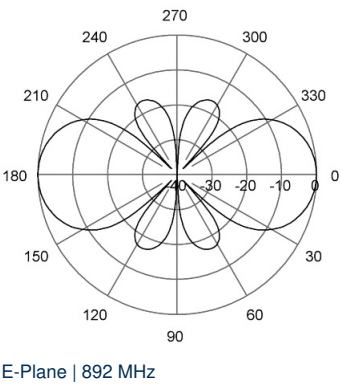
DIAGRAM

MOUNTING & DIAGRAMS



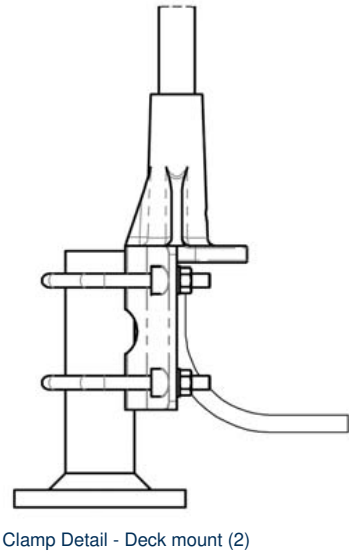
Clamp Detail - Deck mount (1)

RADIATION PATTERNS



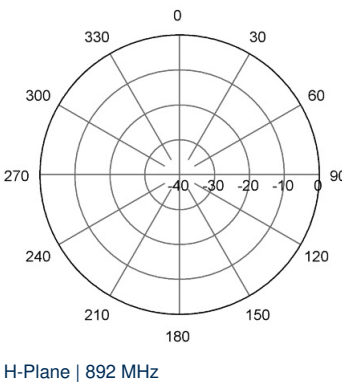
E-Plane | 892 MHz

MOUNTING & DIAGRAMS



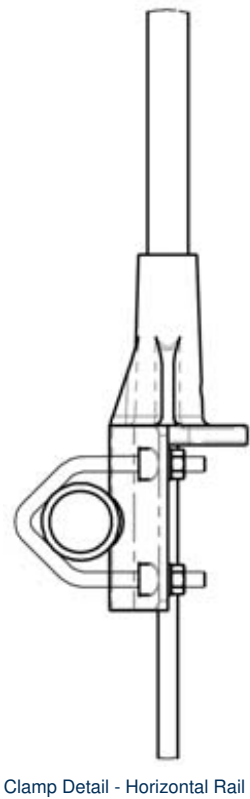
Clamp Detail - Deck mount (2)

RADIATION PATTERNS



H-Plane | 892 MHz

MOUNTING & DIAGRAMS



Clamp Detail - Horizontal Rail

MOUNTING & DIAGRAMS

MOUNTING & DIAGRAMS



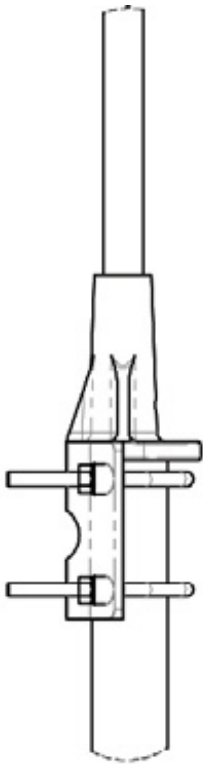
Gain

MOUNTING & DIAGRAMS

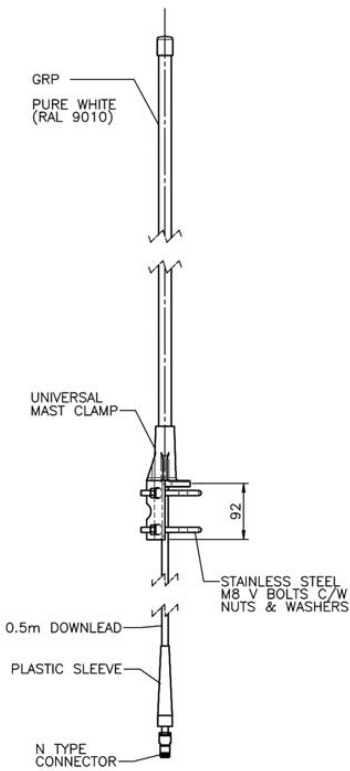
MOUNTING & DIAGRAMS



Return Loss



Clamp Detail - Vertical Pole



Outline Drawing