

6db colinear 840-870 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.

SPECIFICATIONS

Electrical	
Frequency	840 - 870 MHz
Max. Input Power	150 W
Polarisation	Vertical
3 dB Beamwidth, E-Plane	17 °
3 dB Beamwidth, H-Plane	Omnidirectional
Impedance	50 Ω
Gain	5.7 dBi (7.9 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	1280 mm / 50.39 in.
Wind Load	35 N (160km/h)
Weight	1.1 kg / 2.43 lb
Mounting	Integral mounting clamp to fit 38 - 50 mm dia. pipe or horizontal rail

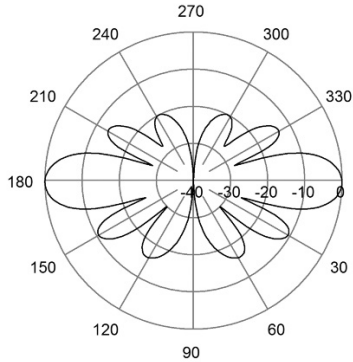
ORDERING

Model	Product No.	Frequency
6db colinear 840-870 MHz	7556855	840 - 870 MHz



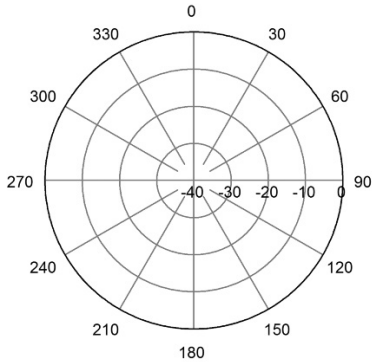
DIAGRAM

RADIATION PATTERNS



E-Plane | 855 MHz

RADIATION PATTERNS



H-Plane | 855 MHz

