6db colinear 860-900MHz



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	
Frequency	860 - 900 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 dBd (7.9 dBi)
VSWR	< 1.5:1
Antistatic Protection	All metal parts DC-grounded (Connector shows a DC-short)

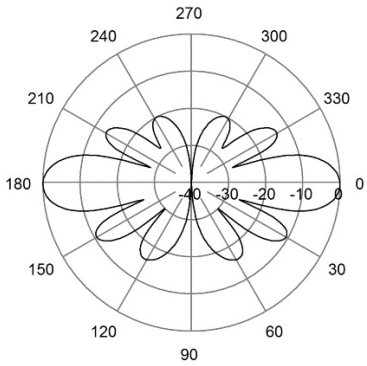
Mechanical	
Connection(s)	N(f) on 500mm RG213/U cable
Materials	Base: Aluminium Shroud: GRP tube
Length	1280 mm / 50.39 in.
Wind Load	35 N (160km/h)
Weight	1.1 kg / 2.43 lb
Mounting	Integral mounting clamp to fit 38 - 50 mm dia. pipe or horizontal rail

ORDERING

Model	Product No.	Frequency
6db colinear 860-900MHz	7556880	860 - 900 MHz

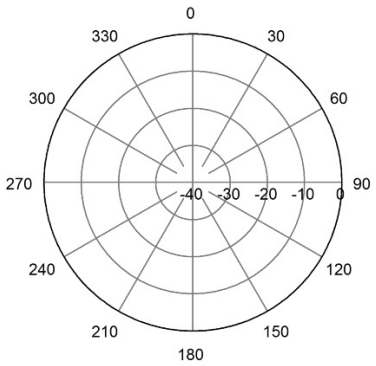
DIAGRAM

RADIATION PATTERNS



E-Plane | 880 MHz

RADIATION PATTERNS



H-Plane | 880 MHz

PROCOM A/S reserves the right to
amend specifications without prior notice