Discone antenna, 225-400 MHz



DESCRIPTION

A rugged and durable Wideband Discone antenna for UHF AIR BAND applications. This design provides low VSWR and stable pattern performance over a wide operating bandwidth. Produced to the highest quality standards, these robust antenna designs will ensure reliable operation in harsh environmental conditions.
• Former Jaybeam brand product.

SPECIFICATIONS

Electrical	
Frequency	225 - 400 MHz
Max. Input Power	250 W
Polarisation	Vertical
3 dB Beamwidth, E-Plane	80 °
3 dB Beamwidth, H-Plane	Omnidirectional
Impedance	50 Ω
Gain	0 dBd (2.2 dBi)
VSWR	< 1.5:1
Antistatic Protection	All metal parts DC-grounded (Connector shows a DC-short)

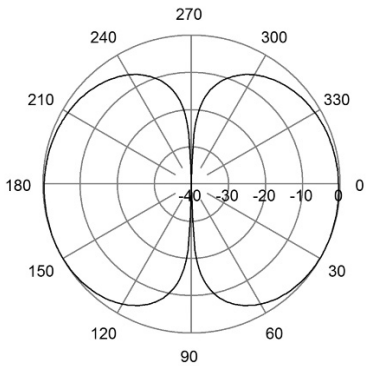
Mechanical	
Connection(s)	N(f) on 3m RG213/U cable
Materials	Elements, solid aluminium
Dimensions	590 x 730 mm / 23.2 x 28.7 in.
Wind Load	91 N (160km/h)
Weight	3 kg / 6.61 lb
Mounting Bracket	0900964/00 (Ordered Separately)
Alternate Mounting Bracket	0300066/00 (Ordered Separately)

ORDERING

Model	Product No.	Frequency
Discone antenna, 225-400 MHz	7277010	225 - 400 MHz
Cast aluminium cross clamp, 25-50mm	0300066/00	
Stub mount clamp assy	0900964/00	

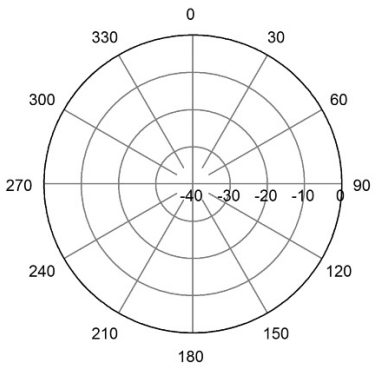
DIAGRAM

RADIATION PATTERNS



E-Plane | 312 MHz

RADIATION PATTERNS



H-Plane | 312 MHz