

Centre fed dipole 420 - 470 MHz

DESCRIPTION

- A UHF Center Fed Dipole antenna for PMR/Trunked Radio and UHF Aircraft Band applications.
- Multiple dipoles can be mounted on a tower and connected with a phasing harness to form a high gain, stacked array.
- Produced to the highest quality standards, these robust antenna designs will ensure reliable operation in harsh environmental conditions.
- Former Jaybeam brand product.

SPECIFICATIONS

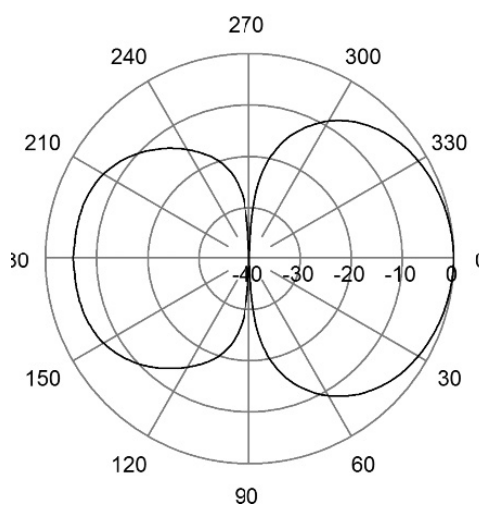
Electrical	
Model	7051420
Frequency	420 - 470 MHz
Max. Input Power	150 W
Polarisation	Linear (Vertical or Horizontal)
3 dB Beamwidth, E-Plane	80 °
3 dB Beamwidth, H-Plane	Omni - will depend on mounting distance from mast.
Impedance	50 Ω
Gain	0 dBd (omni - will depend on mounting distance from mast)
VSWR	< 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	Boom, 32 mm dia. aluminium elements, 12.7 mm dia. aluminium balun, Fully moulded enclosure
Dimensions	915 x 290 x 100 mm / 36.02 x 11.42 x 3.94 in.
Wind Load	65 N (160 km/h)
Weight	Approx. 1.7 kg / 3.75 lb.
Mounting Bracket	3202078/68 + 3201079/00 (Ordered Separately)
Alternate Mounting Bracket	0900912/00, 0302032/68, or 0300064/00 + U-Bolts to match mounting pipe diameter (Ordered Separately)

ORDERING

Model	Product No.	Frequency
Centre fed dipole	7051420	420 - 470 MHz
Accessories		
Galvanised steel crossover bracket 32/50 mm	0900912/00	
Pressed steel cross clamp 2" x 1-1/4" (JBL73)	0302032/68	
Cast aluminium cross clamp, circular	0300064/00	
M8 x 50 mm (2") U-Bolts (1 Pair)	4884036/00	
M8 x 75 mm (3") U-Bolts (1 Pair)	4884076/00	
Fixed norstel / coupler clamp (cross clamp)	3202078/68	
Increasing sleeve	3201079/00	

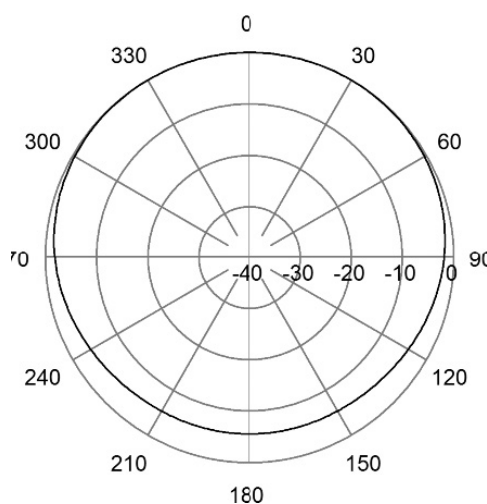


RADIATION PATTERNS



E-Plane | 445 MHz

RADIATION PATTERNS



H-Plane | 445 MHz