

FDANT FOLDED DIPOLE

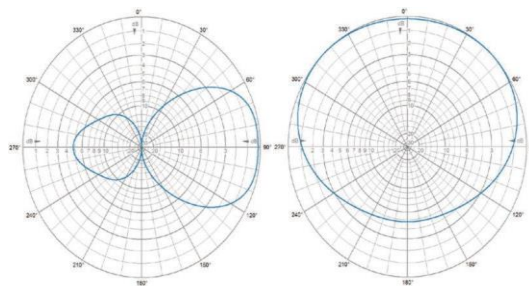


Description

A UHF Centre Fed Dipole antenna for Radio 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.

Specification	
Frequency	420 - 470 MHz
Polarisation	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	0dBd
Connector	Type socket with shroud
Cable	0.50 metres of RG213

VSWR	+ or - 15 % of centre frequency
Max. Input Power	75 W
Antistatic Protection	All metal parts DC-grounded (Connector shows a DC-short)
Materials	Boom, 32 mm dia. aluminium elements, 12.7 mm dia. aluminium balun, fully moulded enclosure
Dimensions	470 x 300 x 95mm (L x H x D)
Operating Temperature	-40° / +85°C (-40° / 185°F)
rASWind Load	81 N (160km/h)
Weight	2.4 kg / 5.29 lb
Mounting Bracket	Ordered Separately
Balun Encapsulant	Polyurethane Resin U-600
Ingress Protection	IP67



E-Plane | 445 MH H-Plane | 445 MHz

Please contact our Sales & Technical team to discuss your coverage requirements.

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