



Product 26763

Wideband Ground-Air dipole, 0 dBd, 225 - 400 MHz



DESCRIPTION

- The 470 Series of glassfibre omni antennas are designed for ground-to-air wide band applications and can also be used in military scenarios.
- These antennas cater to the most stringent physical and environmental requirements, and they've been crafted to provide optimal performance across a wide bandwidth.
- They are available in single dipole, multidipole, and colinear versions.

SPECIFICATION

Electrical	
Frequency	225 – 400 MHz
Max. Input Power	500 W
Omni Deviation	< ± 1 dB
3 dB Beamwidth, H-Plane	Omnidirectional
Polarisation	Vertical
3 dB Beamwidth, E-Plane	80 °
Impedance	50 Ω
Gain	0 dBd (2.2 dBi)
VSWR	< 2.0:1
Antistatic Protection	All metal parts DC-grounded (Connector shows a DC-short)

Environmental

Operating temperature range	-40 °C to +70 °C
Survival Wind Speed	300 km/h (no ice) 220 km/h (20 mm radial ice)

Mechanical

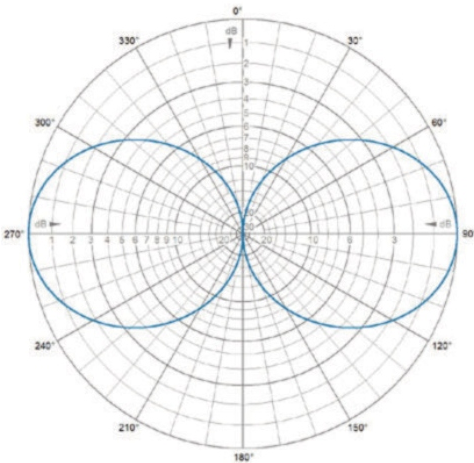
Radiating Element(s)	120 mm dia. aluminium tube
Wind Area	0.169 sq. m / 1.82 sq. ft.
Connection(s)	N(f)
Radiator Feed	PTFE dielectric coaxial cable
Radome Material / Colour	GRP tube white, 128 mm dia.
Length	1100 mm / 43.31 in.
Historic Brand	Skymasts
Wind Load	210 N (160 km/h)
Weight	4 kg / 8.82 lb.
Mounting	Integral base clamp mounts directly to 50 mm dia. pole
Nato Stock No.	5985-25-132-3733

ORDERING CODES

Model	Product No.	Frequency	Additional Information
Wideband Ground-Air dipole, 0 dBd	470.02.05.01	225 – 400 MHz	Supplied with mounting kit
Wideband Ground-Air dipole, 0 dBd	470.02.05.00G	225 – 400 MHz	Coated NATO Green RAL6031
Wideband Ground-Air dipole, 0 dBd	470.02.05.00	225 – 400 MHz	n/a

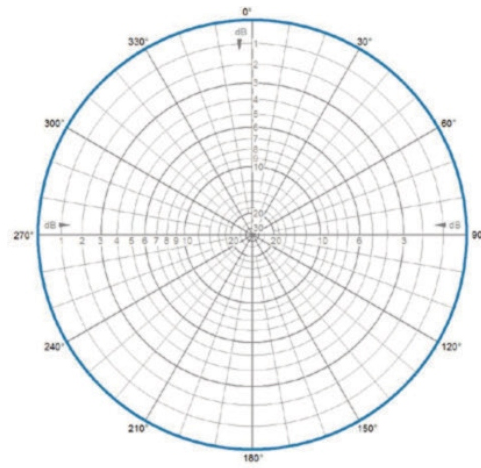
DIAGRAMS

RADIATION PATTERNS



E-Plane | 312 MHz

RADIATION PATTERNS



H-Plane | 312 MHz

