

XD177V

ElettroMagnetic Services
SRL

OMNIDIRECTIONAL

- Half wave coaxial dipole, 2 dBi gain
- Stainless steel bracket and hardware
- UV protected, rugged fiberglass radome



stainless steel bracket
with N-f connector

ELECTRICAL

Frequency	169 ÷ 170 MHz
Input impedance	50 Ω
Polarization	linear vertical
VSWR	< 1.5 across band
Gain	2 dBi
Half power beamwidth	360° (Az) × 85° (El)
Power rating	100 W cw
Lightning protection	DC grounded

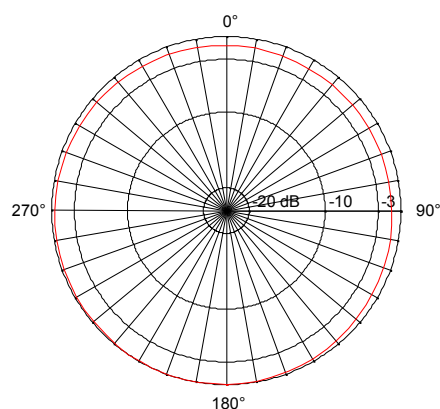
MECHANICAL

Connector	N-female
Dimensions	1005(height) × 32(dia.) mm
Mass	1000 g
Wind loading	5 kg @ 150 km/h
Standard finish	white fiberglass radome and stainless steel bracket

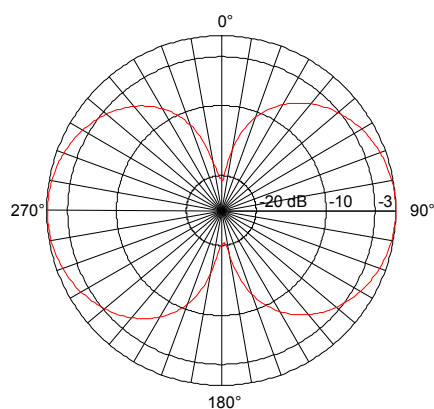
MOUNTING

Standard interface	mast mounting bracket
Mast diameter range	40 ÷ 60 mm

Azimuth pattern



Elevation pattern



Due to technical improvements, specifications provided in this data sheet may change without notice.
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Since **ElettroMagnetic Services** is specialized in development and production of custom antennas, if you need electrical and/or mechanical modifications of this product to meet a particular application or requirements, please feel free to contact us directly.

HEADQUARTERS

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