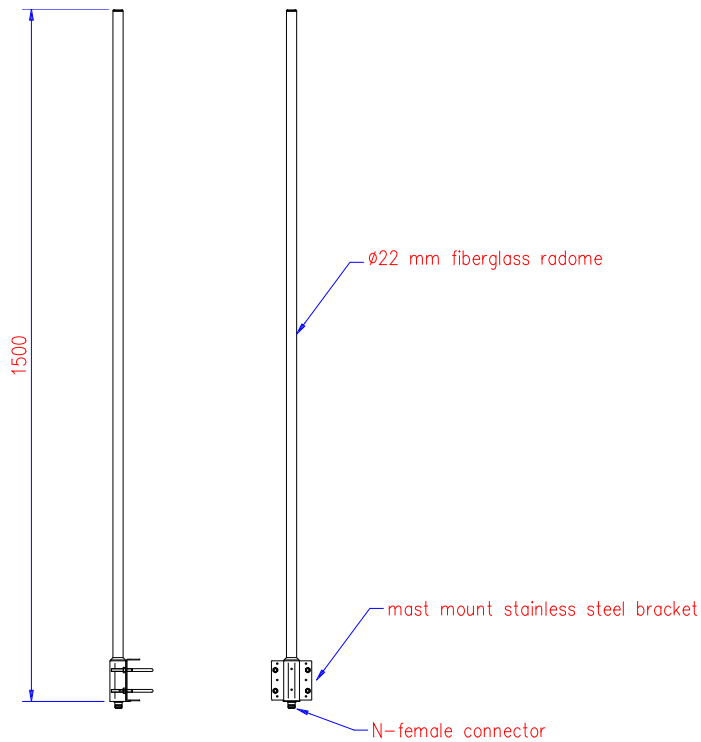


XD177V3

ElettroMagnetic Services
SRL

OMNIDIRECTIONAL

- Full wave coaxial dipole, 3 dBi gain
- Stainless steel bracket and hardware
- UV protected fiberglass radome



ELECTRICAL

Frequency	169.2 ÷ 169.6 MHz
Input impedance	50 Ω
Polarization	linear vertical
VSWR	< 1.5 across band
Gain	3 dBi
Half power beamwidth	360° (Az) × 55° (El)
Power rating	100 W cw
Lightning protection	DC grounded

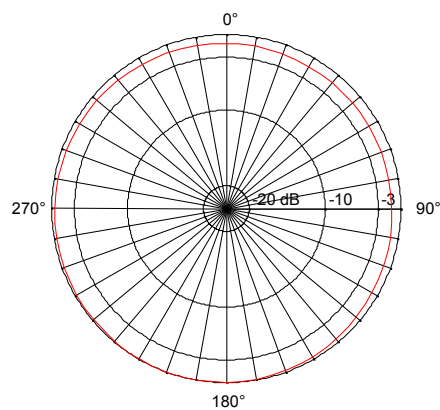
MECHANICAL

Connector	N-female
Dimensions	≈ 1500(H) × 22(Dia.) mm
Mass	≈ 800 g
Wind loading	≈ 4.6 kg @ 150 km/h
Standard finish	white fiberglass radome and stainless steel bracket

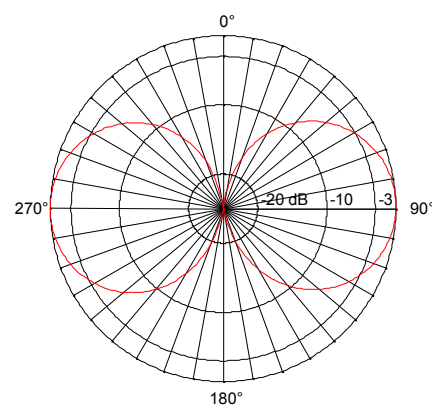
MOUNTING

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

Azimuth pattern



Elevation pattern



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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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