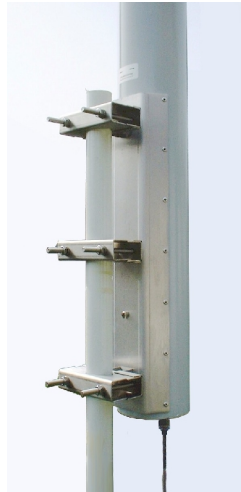


XD250VHP

ElettroMagnetic Services
SRL

OMNIDIRECTIONAL

- Broadband design
- Polycarbonate radome and stainless steel hardware
- High input power (500 W cw), customization available



mast mount interface

ELECTRICAL

Frequency	108 ÷ 136 MHz
Input impedance	50 Ω
Polarization	linear vertical
VSWR	< 2 across band
Gain	2 dBi
Half power beamwidth	360° (Az) \times 80° (El)
Power rating	500 W cw
Lightning protection	DC grounded

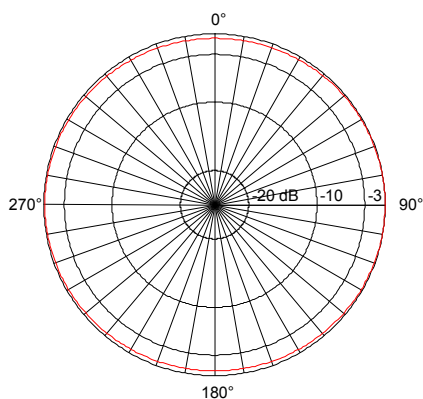
MECHANICAL

Connector	N-female
Dimensions	1700 (height) \times 110 (dia.) mm
Mass	5000 g
Wind loading	26 kg @ 150 km/h
Standard finish	RAL7035 polycarbonate radome, anodized aluminium side mount

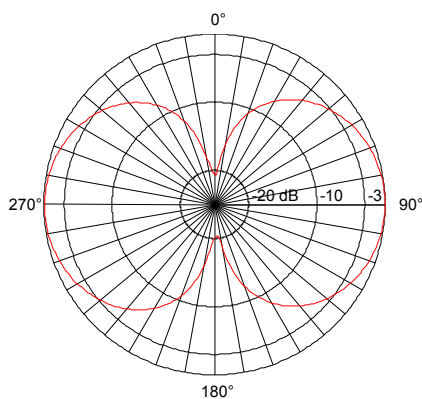
MOUNTING

Standard interface	stainless steel clamps
Mast diameter range	40 ÷ 70 mm

Azimuth pattern



Elevation pattern



Due to technical improvements, specifications provided in this data sheet may change without notice.
Whilst every effort is made to ensure an high degree of accuracy to all specifications here reported, no responsibility can be accepted for any errors or omissions.
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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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