

LL167V

ElettroMagnetic Services
SRL

LOGARITHMIC ANTENNA

- Broadband and compact design
- Stainless steel bracket and hardware
- Customization available



ELECTRICAL

Frequency	160 ÷ 200 MHz
Polarization	linear vertical
VSWR	< 1.6 across band
Gain	7.5 dBi
Front-to-back ratio	> 18 dB
Half power beamwidth	95° (Az) × 60° (El)
Power rating	100 W cw
Lightning protection	DC grounded

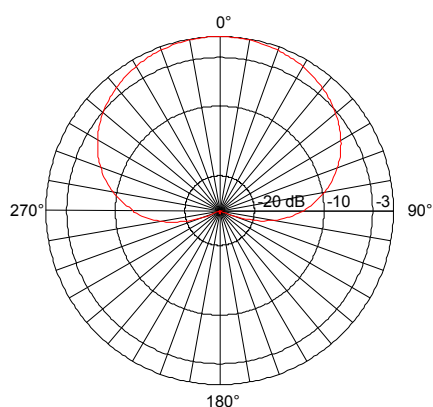
MECHANICAL

Connector	N-female, 50 Ω
Boom × element lenght	1260 × 975 mm
Mass	2800 g
Wind loading	16.5 kg @ 150 km/h
Standard finish	anticorodal aluminium, stainless steel hardware

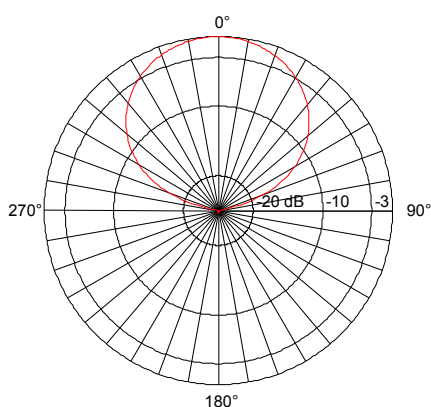
MOUNTING

Standard interface	rear 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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