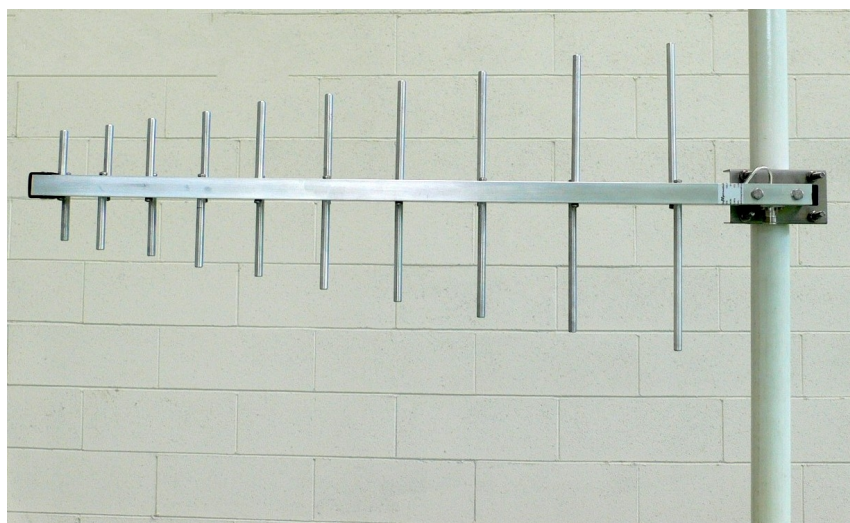


LL6431V

ElettroMagnetic Services
SRL

LOGARITHMIC ANTENNA

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



ELECTRICAL

Frequency	470 ÷ 960 MHz
Polarization	linear vertical
VSWR	< 2 across band
Gain	8 ÷ 10 dBi
Front-to-back ratio	> 14 dB
Half power beamwidth	80° (Az) × 60° (El)
Power rating	150 W cw
Lightning protection	DC grounded

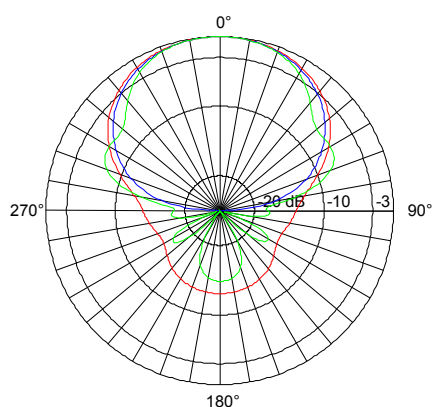
MECHANICAL

Connector	N-female, 50 Ω
Boom × element lenght	760 × 305 mm
Mass	1220 g
Wind loading	7 kg @ 150 km/h
Standard finish	anticorodal aluminium, stainless steel hardware

MOUNTING

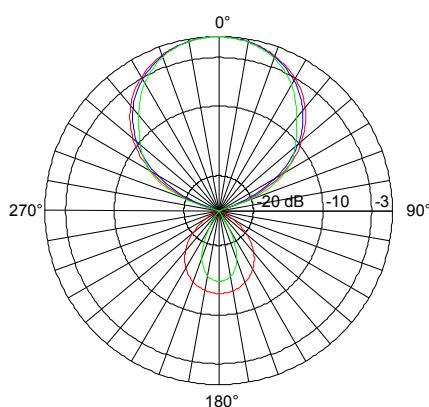
Standard interface	rear bracket
Mast diameter range	40 ÷ 60 mm

Azimuth pattern



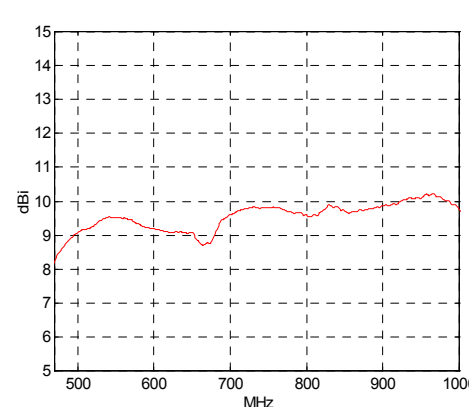
(frequency band start/mid/end)

Elevation pattern



(frequency band start/mid/end)

Gain



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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Issued: 20.03.07
Updated: 27.10.16