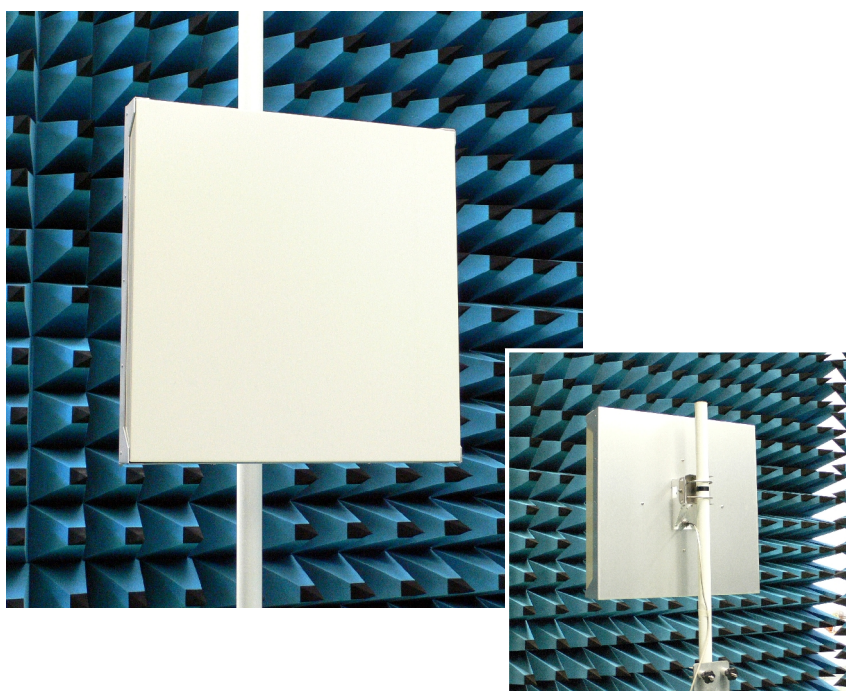


# LP28V

*ElettroMagnetic Services*  
SRL

## DIRECTIONAL PANEL

- High gain flat panel
- Tilttable stainless steel bracket and hardware
- Other bands upon request



stainless steel rear tiltable bracket

### ELECTRICAL

Frequency	1000 ÷ 1120 MHz
Polarization	linear vertical
VSWR	< 1.5 across band
Gain	15.5 dBi
Front-to-back ratio	> 25 dB
Half power beamwidth	28° (Az) × 28° (El)
Power rating	100 W cw
Lightning protection	DC grounded

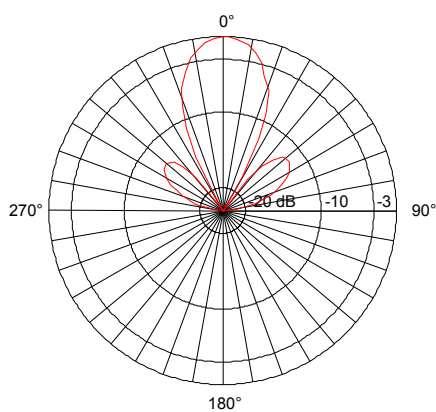
### MECHANICAL

Connector	N-female, 50 Ω
Dimensions	500(W)×500(H)×56(D) mm
Mass	3500 g
Wind loading	35 kg @ 150 km/h
Standard finish	white plastic radome and anod. aluminium reflector

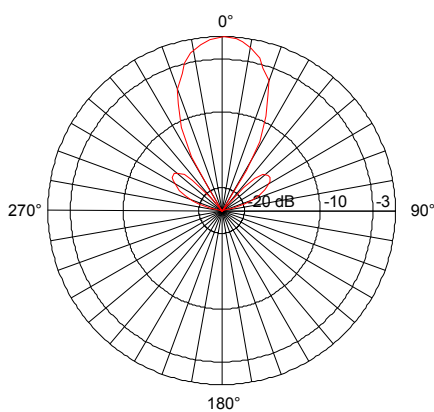
### MOUNTING

Standard interface	tiltable rear bracket
Mast diameter range	40 ÷ 60 mm

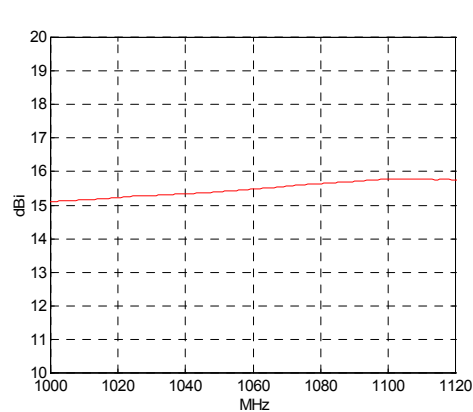
Azimuth pattern



Elevation pattern



Gain curve



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.**

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