

# UP12V

*ElettroMagnetic Services*  
SRL

## DIRECTIONAL PANEL

- For point to point connections, 15.5 dBi gain
- Tilttable stainless steel bracket and hardware
- Customization available



stainless steel rear bracket with downtilt

### ELECTRICAL

Frequency	2350 ÷ 2500 MHz
Polarization	linear vertical
VSWR	< 1.5 across band
Gain	15.5 dBi
Front-to-back ratio	> 20 dB
Half power beamwidth	50° (Az) × 15° (El)
Power rating	10 W cw
Lightning protection	DC grounded

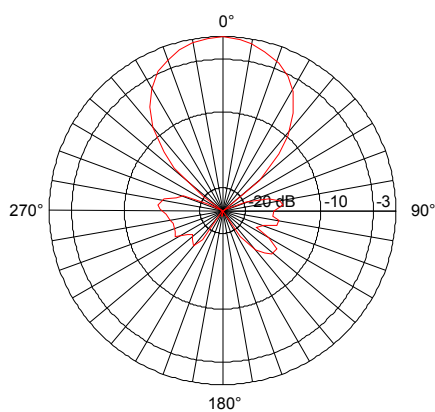
### MECHANICAL

Connector	N-female, 50 Ω
Dimensions	102(W)×442(H)×45(D) mm
Mass	950 g
Wind loading	6 kg @ 150 km/h
Standard finish	white plastic radome and anod. aluminium reflector

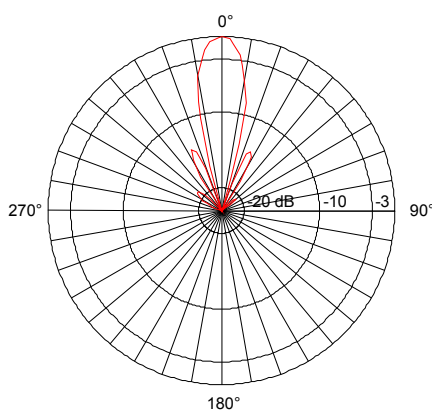
### MOUNTING

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

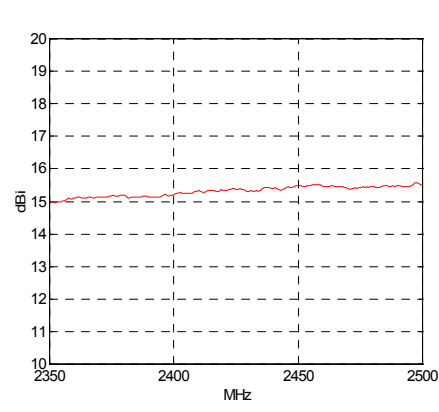
Azimuth pattern



Elevation pattern



Gain



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: 30.01.06  
Updated: 25.10.16