

# TP1512V

*ElettroMagnetic Services*  
SRL

## BROADBAND SECTOR PANEL 90°

- For point to multipoint connections, 16.5 dBi gain
- Tilttable stainless steel bracket and hardware
- Customization available



### ELECTRICAL

Frequency	1990 ÷ 2500 MHz
Polarization	linear vertical
VSWR	< 1.5 across band
Gain	16 ÷ 16.5 dBi
Front-to-back ratio	> 23 dB
Half power beamwidth	90° (Az) × 7° (El)
Power rating	50 W cw
Lightning protection	DC grounded

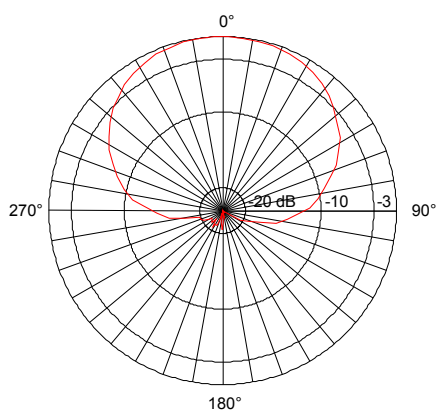
### MECHANICAL

Connector	N-female, 50 Ω
Dimensions	175(W)×995(H)×48(D) mm
Mass	3700 g (bracket included)
Wind loading	24 kg @ 150 km/h
Standard finish	white plastic radome and anod. aluminium reflector

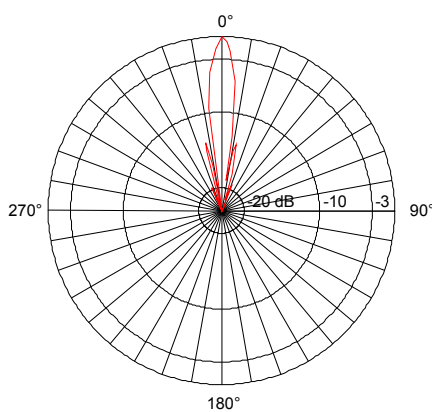
### MOUNTING

Standard interface	tiltable rear bracket
Mast diameter range	40 ÷ 100 mm

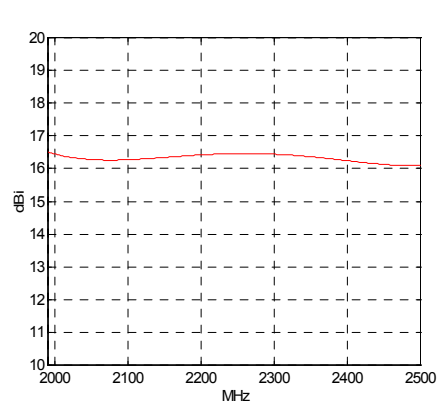
Azimuth pattern



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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