

# SP16V

*ElettroMagnetic Services*  
SRL

## SECTOR PANEL 90°

- Compact design
- High gain, 10.5 dBi
- Customization available



stainless steel tiltable rear bracket (option)

### ELECTRICAL

Frequency	1710 ÷ 1900 MHz
Polarization	linear vertical
VSWR	< 1.5 across band
Gain	10.5 dBi
Front-to-back ratio	> 20 dB
Half power beamwidth	90° (Az) × 30° (El)
Power rating	20 W cw
Lightning protection	DC grounded

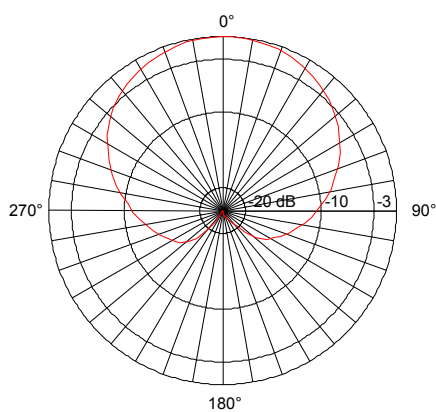
### MECHANICAL

Connector	N-female, 50 Ω
Dimensions	160(W)×300(H)×45(D) mm
Mass	600 g
Wind loading	6 kg @ 150 km/h
Standard finish	white plastic radome, anodized aluminium reflector

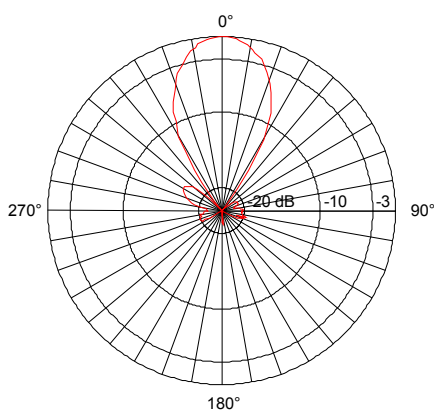
### MOUNTING

Standard interface	wall mount with screws and dowels
Mast mount	rear tiltable bracket available as option

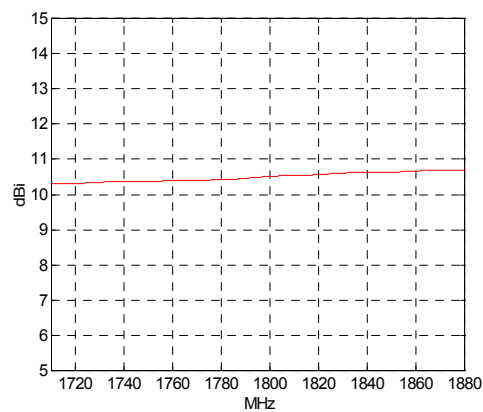
Azimuth pattern



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

**ElettroMagnetic Services srl**  
via S. Pertini, 6  
26019 VAILATE (CR) - ITALY  
Tel +39 (0) 363 84086  
Fax +39 (0)363 341636  
Email [info@elettromagneticservices.com](mailto:info@elettromagneticservices.com)

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