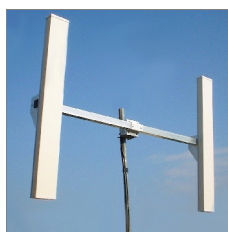


SP12V15

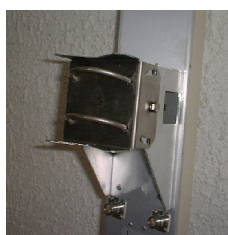
ElettroMagnetic Services
SRL

SECTOR PANEL 120°

- For point to multipoint connections, 14.5 dBi gain
- Tilttable stainless steel bracket and hardware
- Customization available



Mounting hardware for two antennas in diversity (available as option)



Tilttable stainless steel rear bracket

ELECTRICAL

| | |
|----------------------|---------------------|
| Frequency | 2400 ÷ 2500 MHz |
| Polarization | linear vertical |
| VSWR | < 1.5 across band |
| Gain | 14.5 dBi |
| Front-to-back ratio | > 23 dB |
| Half power beamwidth | 120° (Az) × 7° (El) |
| Power rating | 20 W cw |
| Lightning protection | DC grounded |

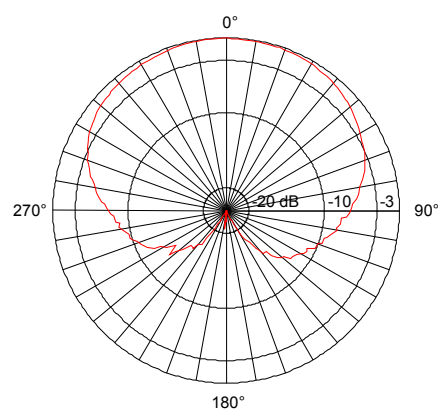
MECHANICAL

| | |
|-----------------|--|
| Connector | N-female, 50 Ω |
| Dimensions | 105(W)×845(H)×45(D) mm |
| Mass | 1650 g |
| Wind loading | 12 kg @ 150 km/h |
| Standard finish | white plastic radome and anod. aluminium reflector |

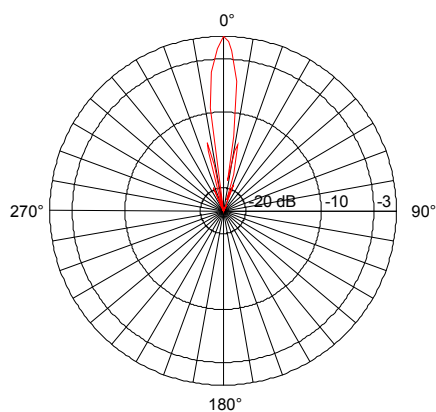
MOUNTING

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

Azimuth pattern



Elevation pattern



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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 your particular application or requirements, please feel free to contact us directly.

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