

# XD95V-XD69V-XD35V

*ElettroMagnetic Services*  
SRL

## OMNIDIRECTIONAL

- Half wave dipole, no ground plane required
- Polycarbonate radome
- Customization available



(model XD95V pictured)



(model XD95V pictured)

### ELECTRICAL

|                      |   |
|----------------------|---|
| Frequency            | 300 ÷ 330 MHz (XD95V)<br>430 ÷ 435 MHz (XD69V)<br>860 ÷ 870 MHz (XD35V) |
| Polarization         | linear vertical   |
| VSWR                 | < 1.5 across band   |
| Gain                 | 2 dBi   |
| Half power beamwidth | 360° (Az) × 80° (El)  |
| Power rating         | 20 W cw   |
| Lightning protection | DC grounded   |

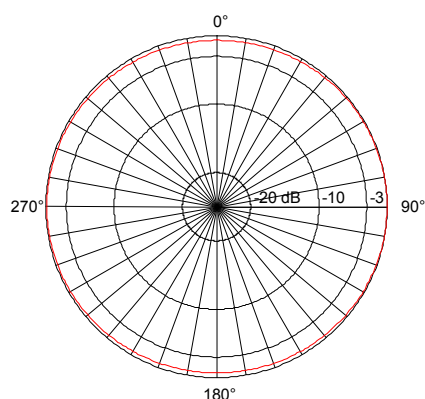
### MECHANICAL

|                    |  |
|--------------------|--|
| Connector          | N-male                                     |
| Total height       | 685 (XD95V), 580 (XD69V), 400 (XD35V) mm   |
| Radome (base) dia. | 25 (36) mm                                 |
| Mass               | 390 g (XD95V)                              |
| Standard finish    | RAL7035 light grey<br>polycarbonate radome |

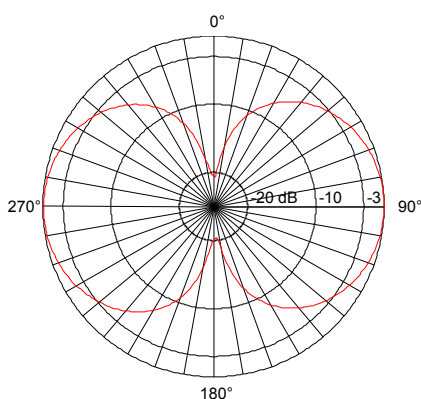
### MOUNTING

|                    |   |
|--------------------|---|
| Standard interface | direct plug-in on a panel<br>N-female connector |
|--------------------|---|

Azimuth pattern



Elevation pattern



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: 13.11.10  
Updated: 12.10.16