



UHF/VHF/UHF OMNIDIRECTIONAL ANTENNA

108 ÷ 156 / 225 ÷ 400 MHz, 2 dBi, 3 Inputs, Obstruction Light

T01133003

POLOMARCONI.IT

POLOMARCONI offers a very wide range of wireless products. Our products can be tailored according to the customer's need.

ATC

Electrical Specifications

| | | |
|-------------------------------|-----|-----------------|
| Frequency band (MHz) | VHF | 108 ÷ 156 |
| | UHF | 225 ÷ 400 |
| Impedance (Ω) | | 50 |
| VSWR | | $\leq 2:1$ |
| Continuous Max. Power (W) | | 200 |
| Power Supply (V_{AC}) | | 220 |
| Polarization | | linear vertical |
| Gain (dBi) typ. | | 2 |
| HPBW ($^{\circ}$) - H-plane | | omni ± 1 dB |
| HPBW ($^{\circ}$) - E-plane | | 80 ± 5 |
| Isolation (dB) between inputs | | ≥ 27 |
| Lightning Protection | | DC grounded |

Mechanical Specifications

| | | |
|---------------------------------------|--|-----------------------------------|
| Connectors | | 3 x Nf |
| Power Connector | | 3+PE male |
| Upper Fixed Obstruction Light | | Red |
| Dimensions (mm) | | |
| Length | | 4600 |
| Radome diameter | | $\varnothing 127$ |
| Weight (kg) | | 36 |
| Wind load @ 150 km/h (N) | | 656 |
| Colour | | RAL 2002 (Red) / RAL 9010 (White) |
| Radome material | | Fiberglass |
| Mounting | | flange $\varnothing 265$ mm |
| Operating Temp. Range ($^{\circ}C$) | | $-40 \div +70$ |

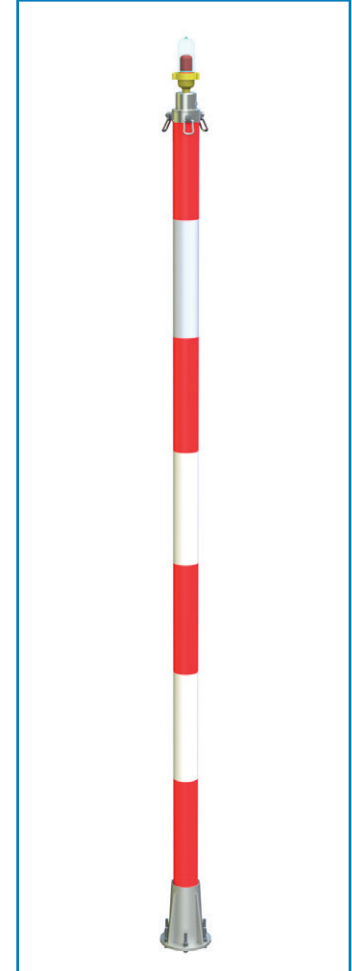
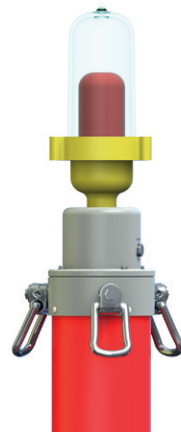
DESCRIPTION

Special collinear antenna with three isolated elements inside the radome and obstruction light on the top.

This red and white coloured antenna is suitable to be installed near airports or on high towers for obstruction purposes. It is a dual band antenna operating in both VHF and UHF bands.

SPECIAL FEATURES

- Dual band: 108÷156 MHz / 225÷400 MHz
- Nr. input: 3 (2 VHF, 1 UHF)
- Omnidirectional radiation
- High power: 200 W
- Protected against lightning
- Very rugged construction
- Obstruction light integrated
- Red and white radome
- Designed for support guy line ropes



MOUNTING FLANGE (mm)

