



VHF/UHF/VHF OMNIDIRECTIONAL ANTENNA

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

T01133004

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 | | 5731 |
| Radome diameter | | $\varnothing 127$ |
| Weight (kg) | | 41 |
| Wind load @ 150 km/h (N) | | 820 |
| Colour | | RAL 2002 (Red) / RAL 9010 (White) |
| Radome material | | Fiberglass |
| Mounting | | flange $\varnothing 265$ mm |
| Operating Temp. Range ($^\circ\text{C}$) | | -40 ÷ +70 |

DESCRIPTION:

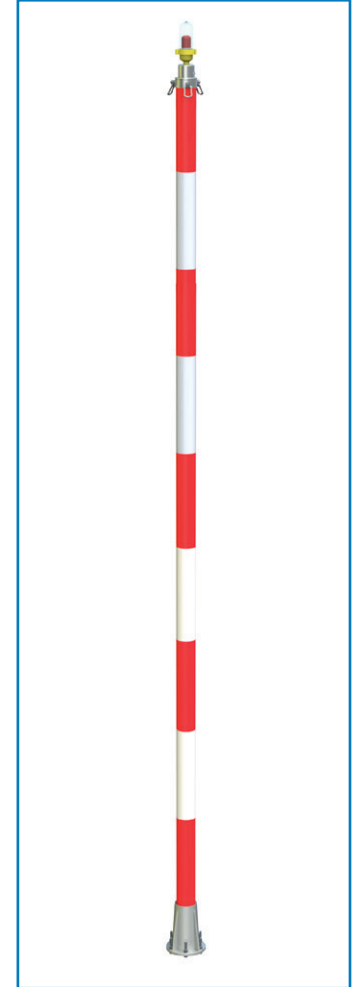
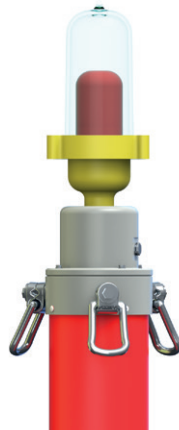
Special collinear antenna with three elements inside the radome and obstruction light on the top.

This antenna red and white coloured is suitable to be installed near airports or on every high towers for obstruction.

It's operating dual band VHF and UHF.

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)

