



# THREE BANDS OMNIDIRECTIONAL ANTENNA

VHF 160 ÷ 166MHz, UHF 453 ÷ 488MHz and UHF 806 ÷ 854MHz

R-4.02.090.09  
R-V 039 NH

POLOMARCONI.IT



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

PMR

## Electrical Specifications

### VHF band

Frequency range (MHz) 160 ÷ 166

VSWR\* < 2.0:1

Gain (dBi)\* > 1

### UHF band 1

Frequency range (MHz) 453 ÷ 488

VSWR < 2.0:1

Gain (dBi)\* > 1

### UHF band 2

Frequency range (MHz) 806 ÷ 854

VSWR\* < 2.0:1

Gain (dBi)\* > 1

### General data

Impedance (Ω) 50

Polarization linear vertical

Continuous Max. Power (W) 100

Operation Temp. Range (°C) -35° ÷ +80°

**\*NOTE:** measurement have been performed with the installation brackets connected to the antenna base and all the structure fixed at a vertical wall inside our factory, as reported in the relevant dimensional drawing



## Mechanical Specifications

Connector N f

Dimensions (Height x Width x Depth, mm) see relevant dimensional drawing

### Materials

body	aluminium with SURTEC 650 treatment
radome	polycarbonate
connector	silver plated brass

Mounting the antenna needs to be installed on a wall

BY



Made in Italy. We reserve the right to modify these data without any notice.

1 / 2



# THREE BANDS OMNIDIRECTIONAL ANTENNA

VHF 160 ÷ 166MHz, UHF 453 ÷ 488MHz and UHF 806 ÷ 854MHz

R-4.02.090.09  
R-V 039 NH

POLOMARCONI.IT



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

PMR

## DIMENSIONAL DRAWING

