

LOW SILHOUETTE VEHICULAR VHF ANTENNA

156 ÷ 165 MHz

R-4.02.082.01 R-V 030 NH-B

TRANSPORT

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

| Electrical Specifications | |
|------------------------------|-----------|
| Frequency band (MHz) | 156 ÷ 165 |
| Input impedance (Ω) | 50 |
| VSWR | < 1.7:1 |
| Continuous Max. Power (W) | 100 |
| Polarization | Vertical |
| Gain (dBi) | > 1 |
| Operating Temp. Range (°C) | -40 ÷ +80 |



Mechanical Specifications

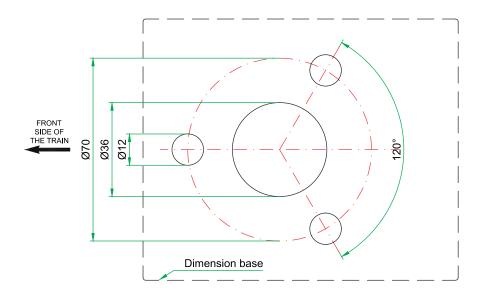
| Connector | N female |
|-----------------------|---|
| Dimensions (mm) | 115 x 160 x 417 mm |
| Materials base radome | Aluminium alloy DIN 3.2315 Polycarbonate |
| Mounting hole | In conformity with FEDERTRASPORTI 00104/5 |

DESCRIPTION

Extra short omnidirectional antenna for tramways, buses, trains and ferryboat. Shock resistant, mechanical rugged construction.

With DC grounded high voltage protection.

MOUNTING FLANGE





LOW SILHOUETTE VEHICULAR VHF ANTENNA 156 ÷ 165 MHz

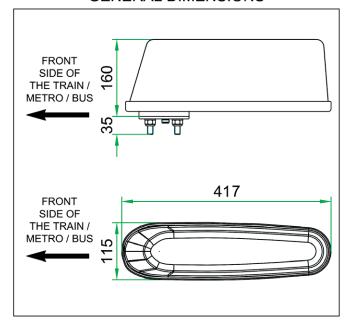
POLOMARCONI offers a very wide range of wireless products
Our products can be tailored according to the customer's need.

R-4.02.082.01 R-V 030 NH-B

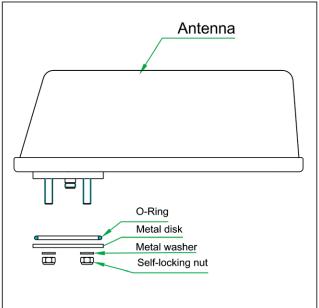
TRANSPORT

MOUNTING INSTRUCTIONS

GENERAL DIMENSIONS



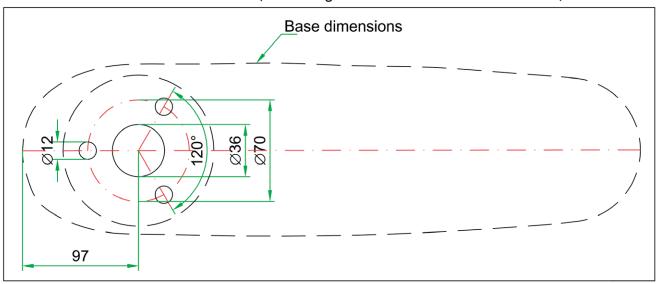
EXPLODED VIEW



MANUAL OF USE

- 1) For the use of the antenna on glass-reinforced plastic surfaces or however on non metallic surfaces, making sure, that the antenna is mounted at the center of a conductive surface (metallic) of minimum dimensions 1500x1500 mm.
- 2) For an optimal connection of the antenna with the conductive surface (metallic), before the assembly, strip the zones of contact between surface of antenna's installation and nuts and bolts of implantation.
- 3) Recommended M10 screw torque 15 Nm 20 Nm.

PERFORATION MASK (according to FEDERTRASPORTI 00104/5)



All dimensions are in mm.

notice.

2/2

C2-PUBLIC