



MULTIBAND VEHICULAR ANTENNA with VHF, GSM, GPS and 2,4GHz

R-V 032 NH

POLOMARCONI.IT



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

RAILWAYS AND
TRANSPORT

Electrical Specifications

Frequency Band (MHz)	(Mod. A)	152 ÷ 157
	(Mod. B)	156 ÷ 165
	(Mod. C)	164 ÷ 174
VSWR		< 1.7:1
Continuous Max. Power (W)		8
Polarization		vertical
Gain (dBd)		> -1
Operation Temp. Range (°C)		-35° ÷ +80°

GSM Specifications

Frequency Band (MHz)	870 ÷ 960 / 1710 ÷ 1880
VSWR (900 MHz)	< 1.7:1
VSWR (1800 MHz)	< 1.7:1
Polarization	vertical
Gain (dBd)	2 at 900 and 1800 MHz

GPS BAND

Type	Planar Patch
Frequency Band (MHz)	1575.42
Impedance (Ω)	50
VSWR	< 1.5:1
Gain (dBic)	+4.5 zenith
Polarization	right hand circular
Beamwidth -3dB	172°

GPS AMPLIFIER

Type	A FIL 27
Voltage (Vdc)	5
Current (mA)	20
Typical Gain (dB)	27
Noise factor (dB)	< 1.5:1
Impedance (Ω)	50
Input VSWR	< 2:1
Output VSWR	< 1.5:1
Reverse isolation (dB)	> 48
Output compr. point (dBm)	1

2,4 GHz Specifications

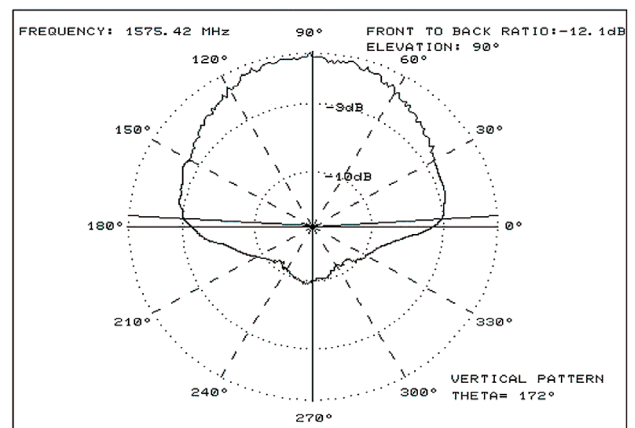
Frequency Band (MHz)	2400 ÷ 2485
VSWR	< 1.7:1
Continuous Max. Power (W)	25
Polarization	vertical
Gain (dBd)	0



Mechanical Specifications

Type of connection	N female
Dimensions (mm)	115x160x410
Weight (kg)	2.3
Base material	Aluminium alloy DIN 3-2315
Radome	Fiberglass with GEL-COAT polyester varnish
Mounting hole	In conformity with FEDERTRASPORTI 00104/5

GPS Radiation Pattern



BY



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

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