



# HALF WAVE DIPOLE VHF ANTENNA

73 ÷ 84 MHz

12300050

SF 020

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

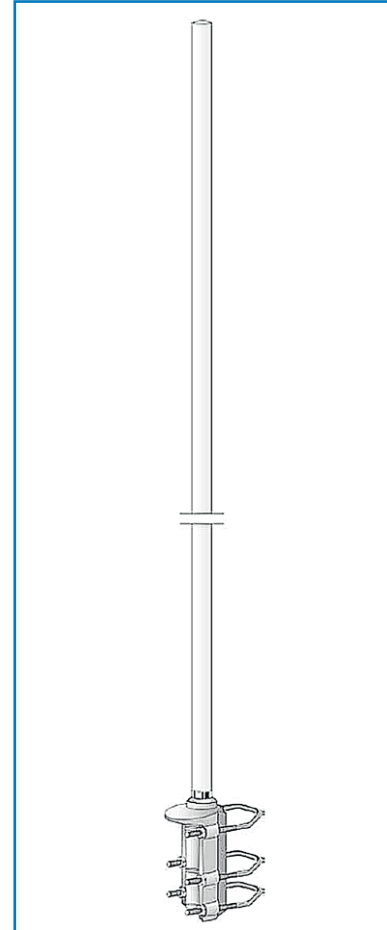
PMR

## Electrical Specifications

Type	Dipole Coaxial
Frequency Band (MHz)	73 ÷ 84
Impedance ( $\Omega$ )	50
VSWR	< 1.7:1
Continuous Max. Power (W)	200 (400 peak)
Polarization	vertical
Gain (dBd)	0
HPBW ( $^{\circ}$ ) - E-plane	69
HPBW ( $^{\circ}$ ) - H-plane	360
Operation Temp. Range ( $^{\circ}$ C)	-40° ÷ +75°
Working humidity (%)	5 ÷ 80

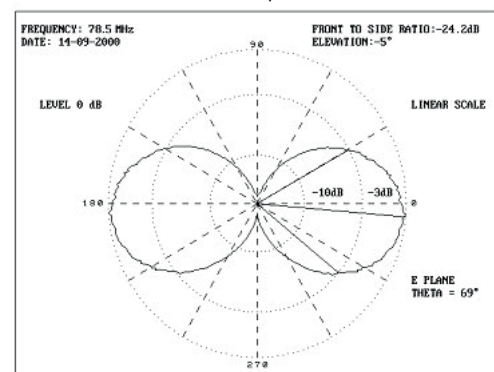
## Mechanical Specifications

Connector	N f
Length (mm)	2500
Weight (kg)	4.0
Maximum wind velocity (km/h)	200
Radome material	Fiberglass
Master tube diameter (mm)	30 ÷ 62



## Radiation Patterns

Vertical plane



BY



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