



HALF WAVE DIPOLE UHF ANTENNA

R-F 610 NQ, 400 ÷ 470 MHz

R-4.05.003.01

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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

Frequency band (MHz)	400 ÷ 470
Impedance (Ω)	50
VSWR at resonant frequency	< 1.5:1
Continuous Max. Power (W)	600
Polarization	vertical
Gain (dBd)	8
HPBW ($^{\circ}$) - E-plane	14
HPBW ($^{\circ}$) - H-plane	Omni
Operating Temp. Range ($^{\circ}\text{C}$)	-35 ÷ +80

DESCRIPTION

Four folded dipoles set-up in collinear configuration antenna for UHF band.

All parts of the antenna are DC grounded from lightning protection.



Mechanical Specifications

Connector	N f	
Length (mm)	2410	
Weight (kg)	7.5	
Max. wind velocity (km/h)	160	
Material	Elements	Aluminum alloy DIN 3.2315
	Boom	Aluminum alloy DIN 3.2306
Mounting hole (mm)	30 ÷ 60	

Radiation Patterns

