



YAGI 12 ELEMENTS UHF ANTENNA

R1Y 210 NQ, 400 ÷ 470 MHz

R-4.06.018.01

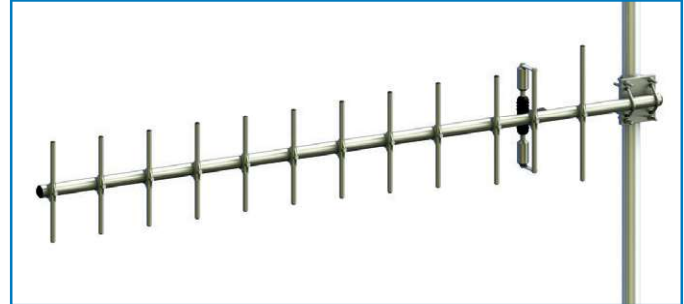
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POLOMARCONI offers a very wide range of wireless products. Our products can be tailored according to the customer's need.

PMR

Electrical Specifications

Frequency band (MHz)	400 ÷ 470
Impedance (Ω)	50
VSWR	< 1.5:1
Continuous Max. Power (W)	150
Polarization	vertical or horizontal
Gain (dBd)	11
HPBW ($^{\circ}$) - E-plane	40
HPBW ($^{\circ}$) - H-plane	42
Front to Back Ratio (dBd)	> 22
Operating Temp. Range ($^{\circ}\text{C}$)	-35 ÷ +80



DESCRIPTION

Yagi 12 elements antenna for UHF band.
All parts of the antenna are DC grounded from lightning protection.

Mechanical Specifications

Connector	N f
Dimensions (mm)	360 x 1815
Weight (kg)	3.9
Max. wind velocity (km/h)	160
Wind load (N,@150km/h)	180
Materials	
boom	Aluminum alloy DIN 3.2315
elements	Aluminum alloy DIN 3.2306
Mounting mast tube \varnothing (mm)	30 ÷ 60

Radiation Patterns

