



POLOMARCONI.IT

YAGI 8 ELEMENTS UHF ANTENNA

R-Y 811 NL, 380 ÷ 420 MHz

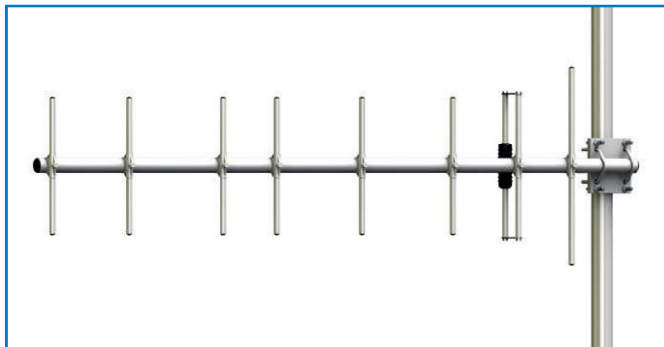
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PMR

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)	380 ÷ 420
Impedance (Ω)	50
VSWR	$\leq 1.5:1$
Continuous Max. Power (W)	150
Polarization	vertical or horizontal
Gain (dBd)	9
HPBW ($^{\circ}$) - E-plane	42
HPBW ($^{\circ}$) - H-plane	48
Front to back Ratio (dBd)	> 18
Operating Temp. Range ($^{\circ}\text{C}$)	$-35 \div +80$



DESCRIPTION

Yagi 8 elements antenna for UHF band.

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

Mechanical Specifications

Connector	N f
Dimensions (mm)	405 x 1500
Weight (kg)	2.2
Max. wind velocity (km/h)	160
Materials	
boom	Aluminum alloy DIN 3.2315
elements	Aluminum alloy DIN 3.2306
Mounting hole (mm)	33 ÷ 60

Radiation Patterns

