



POLOMARCONI.IT

YAGI 6 ELEMENTS VHF ANTENNA

117 ÷ 137 MHz

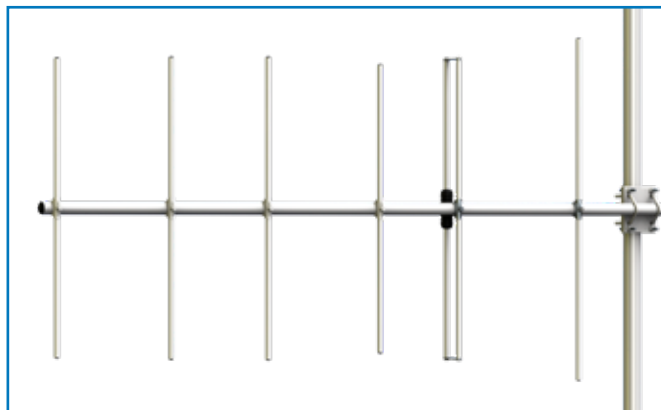
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ATC

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)	117 ÷ 137
Impedance (Ω)	50
VSWR at resonant frequency	< 1.5:1
Continuous Max. Power (W)	200
Polarization	vertical or horizontal
Gain (dBd)	9
HPBW ($^{\circ}$) - E-plane	50
HPBW ($^{\circ}$) - H-plane	60
Front to back Ratio (dBd)	> 20
Operating Temp. Range ($^{\circ}\text{C}$)	-35 ÷ +80



DESCRIPTION

Yagi 6 elements antenna for VHF band.
All parts of the antenna are DC grounded from lightning protection.

Mechanical Specifications

Connector	N f
Dimensions (mm)	1100 x 2300
Weight (kg)	3.9
Max. wind velocity (km/h)	160
Materials	
boom	Aluminum alloy DIN 3.2315
elements	Aluminum alloy DIN 3.2306
Mounting mast tube $\varnothing$ (mm) (brackets not included)	33 ÷ 60
Mounting Brackets Order Code	T21000343
IP 65	According to EN IEC 60529
Temperature	According to EN IEC 60068

Radiation Patterns

