



YAGI 7 ELEMENTS UHF ANTENNA

R-Y 710 NZ, 450 ÷ 470 MHz

R-4.06.032.01

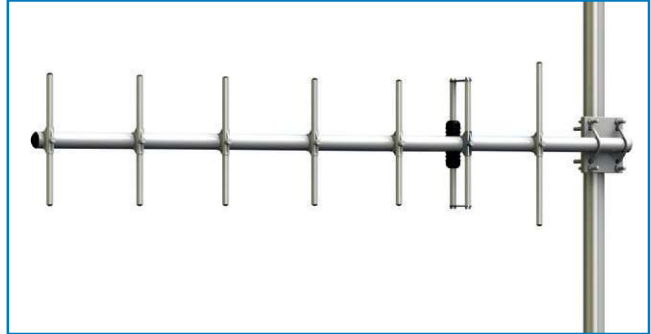
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POLOMARCONI offers a very wide range of wireless products. Our products can be tailored according to the customer's need.

PMR

Electrical Specifications

Frequency band (MHz)	450 ÷ 470
Impedance (Ω)	50
VSWR at resonant frequency	< 1.5:1
Continuous Max. Power (W)	150
Polarization	vertical or horizontal
Gain (dBd)	8
HPBW ($^{\circ}$) - E-plane	38
HPBW ($^{\circ}$) - H-plane	42
Front to back Ratio (dBd)	> 15
Operating Temp. Range ($^{\circ}$ C)	-35 ÷ +80



DESCRIPTION

Yagi 7 elements antenna for UHF band.

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

Mechanical Specifications

Connector	N f	
Dimensions (mm)	330 x 1500	
Weight (kg)	2.9	
Max. wind velocity (km/h)	160	
Materials	boom elements	Aluminum alloy DIN 3.2315 Aluminum alloy DIN 3.2306
Mounting mast tube \varnothing (mm)	33 ÷ 60	

Radiation Patterns

