



# YAGI 12 ELEMENTS UHF ANTENNA

R1Y 210 NZ, 450 ÷ 470 MHz

R-4.06.033.01

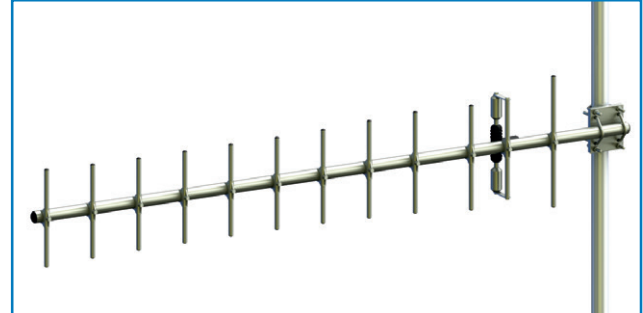
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## Electrical Specifications

Frequency band (MHz)	450 ÷ 470
Input Impedance ( $\Omega$ )	50
VSWR	< 1.5:1
Continuous Max. Power (W)	150
Polarization	vertical or horizontal
Gain (dBd)	11
HPBW ( $^\circ$ ) - E-plane	38
HPBW ( $^\circ$ ) - H-plane	40
Front to back Ratio (dBd)	> 18
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)	325 x 1815	
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)	33 ÷ 60	

## Radiation Patterns

