



YAGI 3 ELEMENTS UHF ANTENNA

400 ÷ 435 MHz

14300120

SY 453 L

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PMR

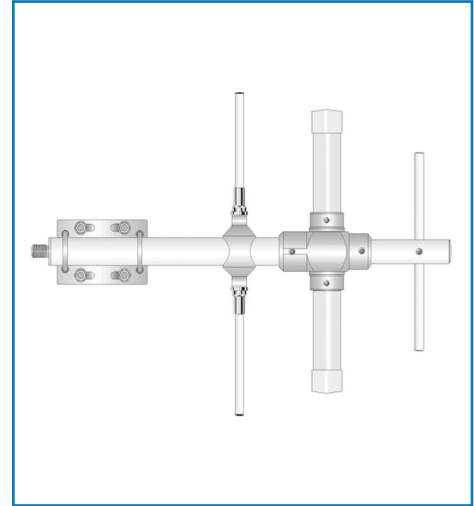
Electrical Specifications

Frequency Band (MHz)	400 ÷ 435	
Impedance (Ω)	50	
VSWR at resonant frequency	< 1.5:1	
Continuous Max Power (W)	200	
Polarization	vertical or horizontal	
Gain (dBd)	5.5	
Beamwidth -3dB	E-plane	140°
	H-plane	68°
Operation Temp. Range (°C)	-35° ÷ +80°	

DESCRIPTION:

Yagi 3 elements antenna for UHF band.

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

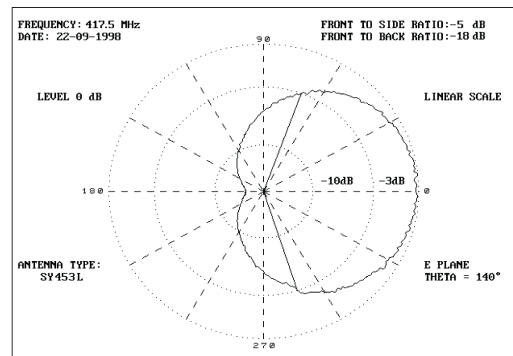


Mechanical Specifications

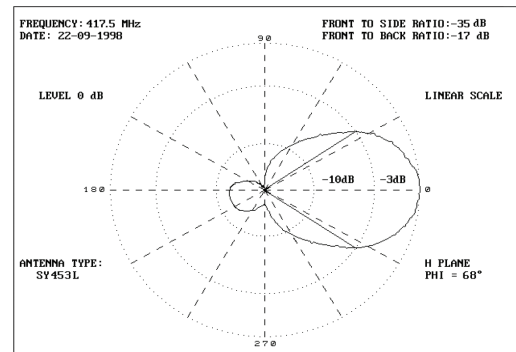
Connector	N f
Dimensions (mm)	630 x 410
Weight (kg)	2.0
Max. wind velocity (km/h)	120
Materials	
radiator coverage	fiberglass
boom	anodized aluminium
elements	anodized aluminium
Mounting hole on master tube (mm)	30 ÷ 62

Radiation Patterns

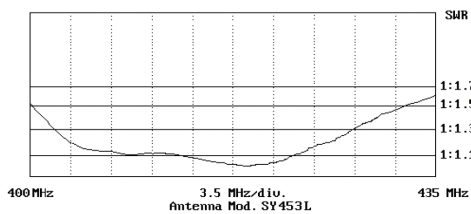
Vertical Plane



Horizontal Plane



VSWR



BY



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