



# HALF WAVE CENTER FED DIPOLE UHF ANTENNA

R-Y 011 NL, 350 ÷ 430 MHz

R-4.06.039.01

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PMR

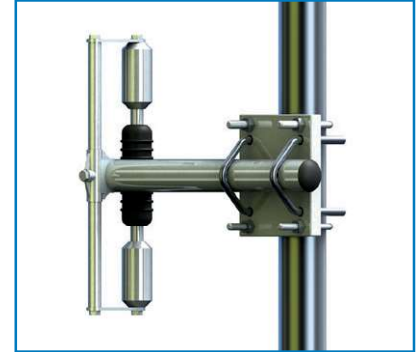
## Electrical Specifications

Frequency band (MHz)	350 ÷ 430
Impedance ( $\Omega$ )	50
VSWR at resonant frequency	< 1.5:1
Continuous Max. Power (W)	150
Polarization	vertical or horizontal
Gain (dBi)	3
HPBW ( $^\circ$ ) - E-plane	74
HPBW ( $^\circ$ ) - H-plane	Omni
Operating Temp. Range ( $^\circ\text{C}$ )	-35 ÷ +80

## DESCRIPTION

Half wave center fed dipole antenna for UHF band.

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



## Mechanical Specifications

Connector	N f	
Dimensions (mm)	320 x 395	
Weight (kg)	1.9	
Max. wind velocity (km/h)	160	
Materials	boom elements	Aluminum alloy DIN 3.2315 Aluminum alloy DIN 3.2306
Mounting hole (mm) on master tube	33 ÷ 60	

## Radiation Patterns

