

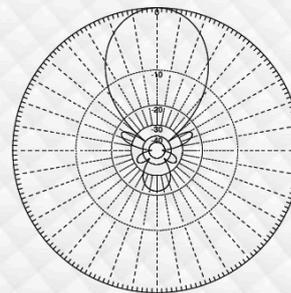
DIRU-160/12G

UHF DIRECTIONAL ANTENNA YAGI WITH 12 ELEMENTS

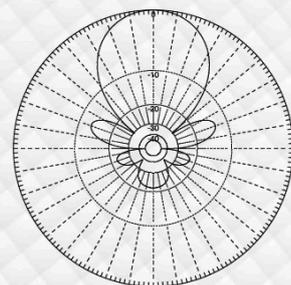
YAGI type high-gain directional antenna, manufactured in special aluminum alloy, with excellent mechanical resistance and high electrical conductivity.

The antenna was designed to prevent the accumulation of electrostatic charges in the coaxial cable. This feature allows for greater equipment protection, noise reduction and optimal reception of nearby signals.

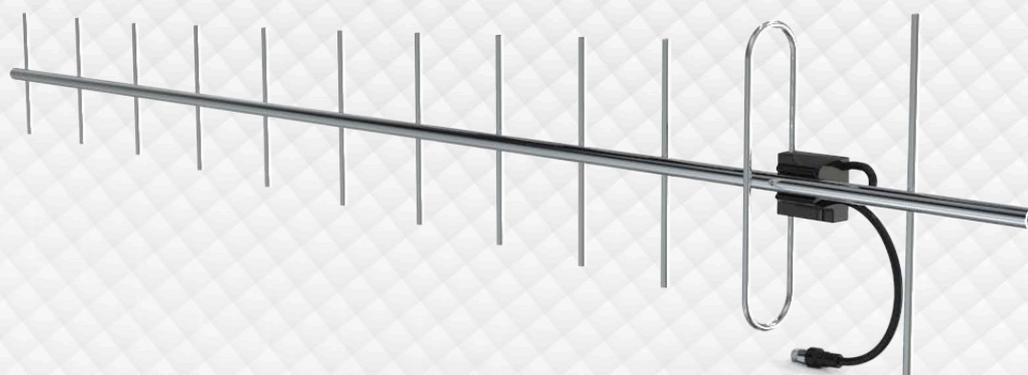
In addition to being light and easy to install, it does not require adjustments on the ground so that its VSWR remains below 1.5:1 across the entire operating frequency range.



POLARIZAÇÃO HORIZONTAL



POLARIZAÇÃO VERTICAL



Partnumber	Model	Range
504313	DIRU-160/12G	406 / 430MHz

ELECTRICAL SPECIFICATIONS	
VSWR	$\leq 1.5 : 1$
Polarization	Vertical / Horizontal
Nominal impedance	50 Ω
Maximum power	300 Watts
Gain	16 dBi
Coast-to-front relationship	≥ 20 dB
1/2 power angle	Horizontal 35°
1/2 power angle	Vertical 39°
Connector	N female
Protection against lightning	Elements placed on the ground

MECHANICAL SPECIFICATIONS	
Width	364 mm
Total length	2336 mm
Weight	1,802 Kg
Fixing	35mm metal tube
Wind exposure area	0,2882 m ²
Basic material	Aluminum
Operating wind	≥ 110 Km/h
Wind of survival	≥ 200 Km/h