

DIRU-160/12F

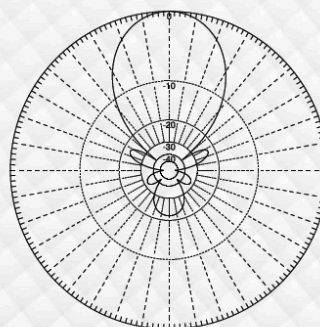
DIRECTIONAL ANTENNA YAGI WITH 12 ELEMENTS

High gain YAGI type directional antenna, made of special aluminum alloy, with excellent mechanical strength and high electrical conductivity.

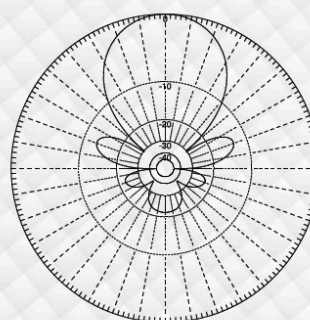
The antenna was designed to prevent the build-up of electrostatic charges on the coaxial cable.

This feature allows for greater protection of the equipment and a reduction in noise levels, allowing for optimal reception of distant signals.

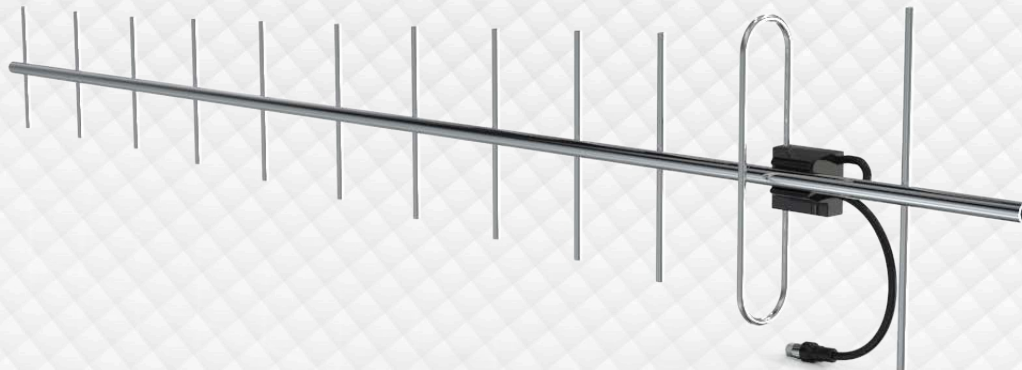
In addition to being lightweight and easy to install, it requires no field adjustments to keep its VSWR below 1.5:1 over the entire operating frequency range.



POLARIZAÇÃO HORIZONTAL



POLARIZAÇÃO VERTICAL



Partnumber	Model	Range
504303	DIRU-160/12F	440 / 470 MHz

ESPECIFICAÇÕES ELÉTRICAS	
VSWR	$\leq 1,5 : 1$
Polarization	Vertical / Horizontal
Nominal impedance	50 Ω
Maximum power	100 Watts
Revenue	16 dBi
Coast-front relationship	≥ 20 dB
$\frac{1}{2}$ power angle	Horizontal 36°
$\frac{1}{2}$ power angle	Vertical 38°
Connector	N female
Lightning protection	Grounded elements

MECHANICAL SPECIFICATIONS	
Broad	407 mm
Weight	1,638 Kg
Total length	2130 mm
Fixing	Metal tube 35 mm
Wind exposure area	0,2620 m ²
Basic material	Aluminum
Wind of operation	≥ 110 Km/h
Wind of survival	≥ 200 Km/h