

DIRU-140/10G

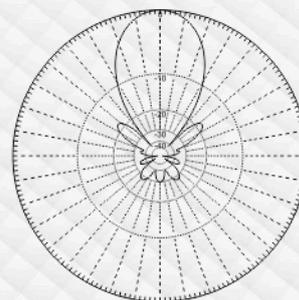
DIRECTIONAL ANTENNA YAGI WITH 10 ELEMENTS

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

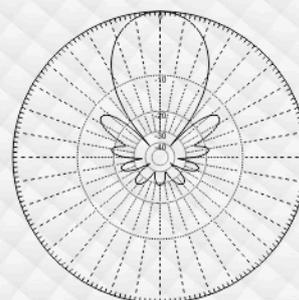
The antenna is designed to prevent the build-up of electrostatic charges in the coaxial cable.

This feature allows for greater equipment protection and noise level reduction, allowing for optimal reception of distant signals.

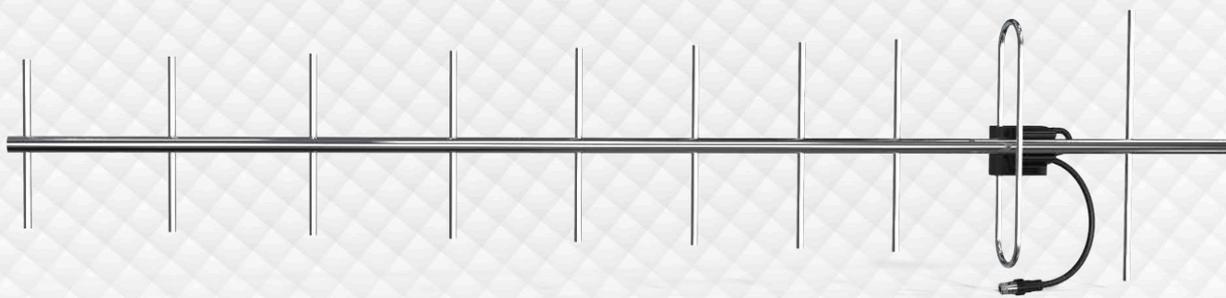
In addition to being light weight and easy to install, it does not require field adjustments so that its VSWR remains below 1.5:1 across the entire operating frequency range.



POLARIZAÇÃO HORIZONTAL



POLARIZAÇÃO VERTICAL



Code	Model	Range
504312	DIRU-140/10G	406/430 MHz

ELECTRICAL SPECIFICATIONS	
VSWR	$\leq 1,5 : 1$
Polarization	Vertical / Horizontal
Nominal impedance	50 Ω
Maximum power	300 Watts
Gain	14 dBi
Front-to-back relationship	≥ 20 dB
1/2 power angle	Horizontal 38°
1/2 power angle	Vertical 42°
Connector	N female
Lightning protection	Grounded elements

MECHANICAL SPECIFICATIONS	
Wigth / Diameter	364 mm
Weight	1,540 Kg
Total length	1781 mm
Fixation	Metal tube 35 mm
Wind exposure area	0,2479 m ²
Basic material	Aluminum
Operating wind	≥ 110 Km/h
Wind of survival	≥ 200 Km/h