

# DIRU-110/7E

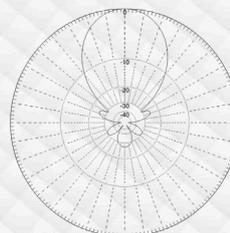
## DIRECTIONAL ANTENNA YAGI 7 ELEMENTS

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

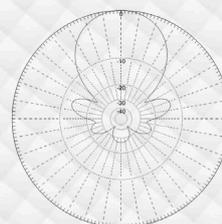
Designed to prevent the buildup of electrostatic charges on the coaxial cable.

This feature provides greater equipment protection and reduced noise levels.

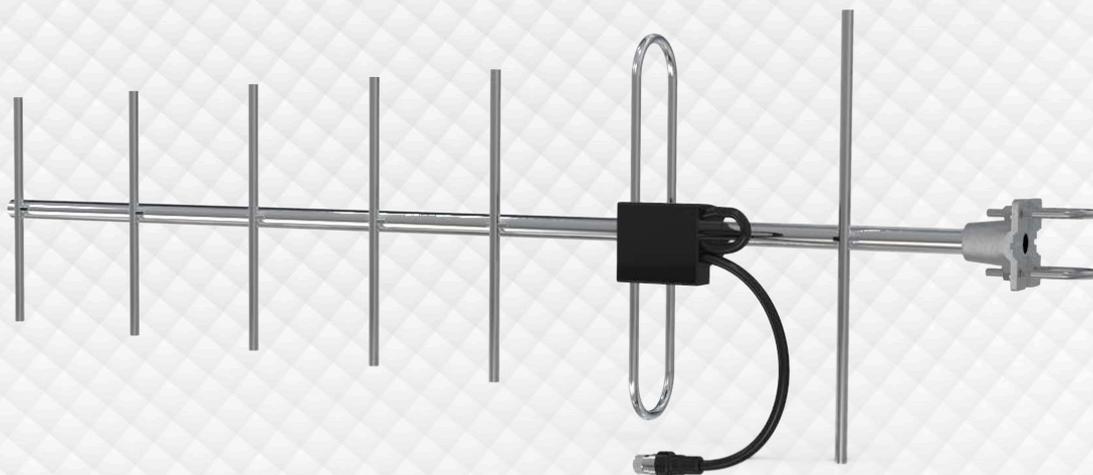
In addition to being lightweight and easy to install, it does not require field adjustments so that its VSWR remains below 1.5:1 throughout the operating range.



Horizontal polarization



Vertical polarization



Partnumber	Model	Range
504101	DIRU-110/7E	380 / 400 MHz

ELECTRICAL SPECIFICATIONS	
VSWR	$\leq 1,5 : 1$
Polarization	Vertical / Horizontal
Nominal impedance	50 $\Omega$
Maximum power	200 Watts
Gain	10 dBi
Front to back ratio	$\geq 20$ dB
1/2 power angle	Horizontal 380 MHz 46°
1/2 power angle	Vertical 400 MHz 54°
Connector	N female
Lightning protection	Grounded elements

MECHANICAL SPECIFICATIONS	
Width / Diameter	407 mm
Weight	0,980 Kg
Total Length	1270 mm
Fixation	35 mm metal tube
Area exposed to wind	0,1656 m <sup>2</sup>
Basic material	Aluminum
Operational wind	$\geq 110$ Km/h
Wind of survival	$\geq 200$ Km/h