

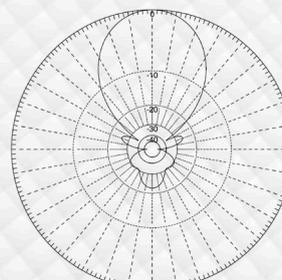
DIRU-110/7D

DIRECIONAL ANTENNA YAGI 7 ELEMENTS

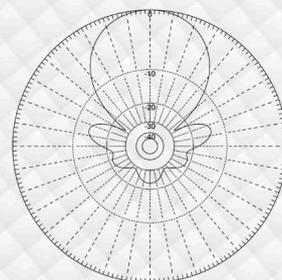
High-gain YAGI-type directional antenna, made of special aluminum alloy, with excellent mechanical resistance and high electrical conductivity.

The antenna is designed to prevent the buildup of electrostatic charges on the coaxial cable. This feature provides greater equipment protection and reduced noise levels, enabling optimal reception of distant signals.

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



Horizontal polarization



Vertical polarization



Partnumber	Model	Range
504096	DIRU-110/7D	360 / 380 MHz

ELECTRICAL SPECIFICATIONS	
VSWR	≤ 1,5 : 1
Polarization	Vertical / Horizontal
Nominal impedance	50 Ω
Maximum power	200 Watts
Gain	10 dBi
Front to back ratio	≥ 20 dB
½ power angle	Horizontal 370 MHz 48°
½ power angle	Vertical 370 MHz 58°
Connector	N female
Lightning protection	Grounded elements

MECHANICAL SPECIFICATIONS	
Width / Diameter	405 mm
Weight	0,955 Kg
Total length	1289 mm
Fixation	35 mm metal tube
Area exposed to wind	0,1681 m ²
Basic material	Aluminum
Operational wind	≥ 110Km/h
Wind of survival	≥ 200Km/h