

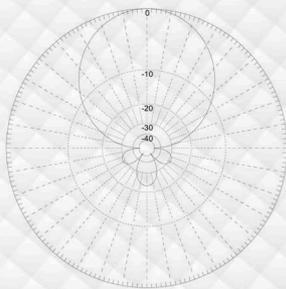
DIRU-70/4

DIRECTIONAL ANTENNA YAGI 4 ELEMENTS

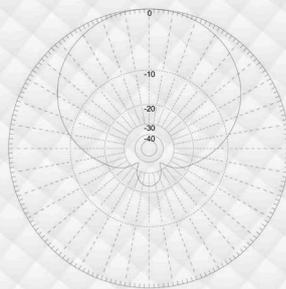
High-gain directional YAGI antenna, manufactured from a special aluminum alloy, with excellent mechanical strength and high electrical conductivity.

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

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



Horizontal polarization



Vertical polarization

Partnumber	Model	Range
504092	DIRU-70/4	406 / 430 MHz

ELECTRICAL SPECIFICATIONS	
VSWR	$\leq 1,5 : 1$
Polarization	Vertical / Horizontal
Nominal impedance	50 Ω
Maximum power	100 Watts
Gain	7,5 dBi
Front-to-back ratio	≥ 20 dB
½ power angle	Horizontal 62°
½ power angle	Vertical 92°
Connector	N female
Lightning protection	Grounded elements

MECHANICAL SPECIFICATIONS	
Width / Diameter	354 mm
Weight	0,566 Kg
Total length	430 mm
Fixing	35 mm metal tube
Area exposed to wind	0,086 m ²
Basic material	Aluminum
Operational wind	≥ 110 Km/h
Survival wind	≥ 200 Km/h