

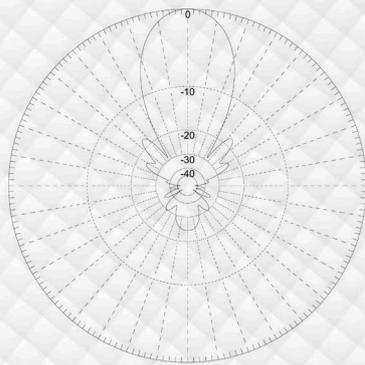
DIRU-180/14G

UHF DIRECTIONAL ANTENNA YAGI WITH 14 ELEMENTS

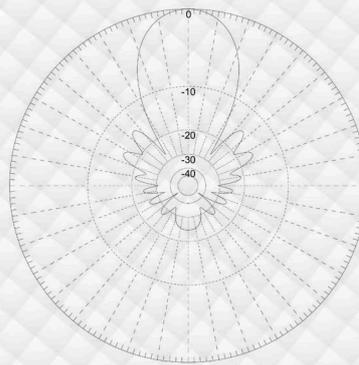
High gain YAGI type directional antenna, made of special aluminum alloy, with excellent mechanical strength and high electrical conductivity.

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.



Horizontal Polarization



Vertical Polarization



Partnumber	Model	Range
504314	DIRU-180/14G	406 / 430 MHz

ELECTRICAL SPECIFICATIONS	
VSWR	$\leq 1.5 : 1$
Polarization	Vertical / Horizontal
Nominal impedance	50 Ω
Maximum power	300 Watts
Gain	18dBi
Coast-front relationship	≥ 20 dB
1/2 power angle	Horizontal 36°
1/2 power angle	Vertical 36°
Connector	N female
Lightning protection	Grounded elements

MECHANICAL SPECIFICATIONS	
Width	364 mm
Weight	1,960 Kg
Total length	2629 mm
Fixing	Metal tube 35 mm
Wind exposure area	0,3036 m ²
Basic material	Aluminum
Wind of operation	≥ 110 Km/h
Wind of survival	≥ 200 Km/h