

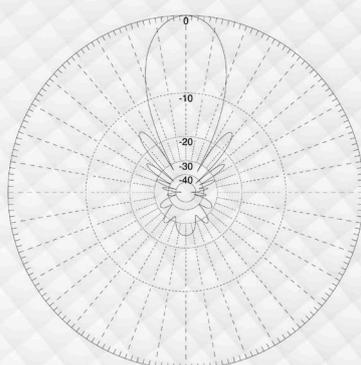
# DIRU-200/22C9

## DIRECTIONAL ANTENNA YAGI 22 ELEMENTS

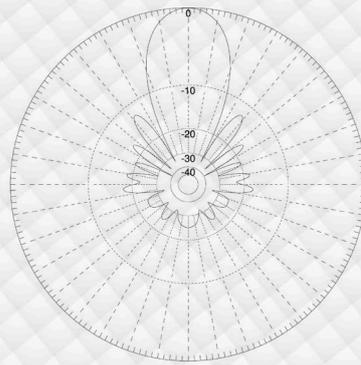
High gain directional yagi antenna, made of special aluminum alloy, with excellent resistance mechanical and high electrical conductivity.

The antenna is designed to prevent the build-up of electrostatic charges on the coaxial cable. This feature allows greater protection of equipment and reduction of noise levels, allowing for optimal reception of distant signals.

In addition to being lightweight and easy to install, it does not require field adjustment to keep its VSWR below 1.5:1 across the entire operating frequency range.



Horizontal Polarization



Vertical Polarization



Partnumber	Model	Range
504259	DIRU-200/22C9	900 / 960 MHz

ELECTRICAL SPECIFICATIONS	
VSWR	≤ 1,5 : 1
Polarization	Vertical / Horizontal
Nominal impedance	50 Ω
Maximum power	150 Watts
Gain	20 dBi
Front to back ratio	≥ 20 dB
½ power angle	Horizontal 930 MHz 28°
½ power angle	Vertical 930 MHz 30°
Connector	N female
Lightning protection	Grounded elements

MECHANICAL SPECIFICATIONS	
Width / Diameter	158 mm
Total length	1610 mm
Weight	0,780 Kg
Finish	White epoxy paint
Fixation	Metal tube 30 mm
Wind exposure area	0,071 m²
Basic material	Brass
Operational wind	≥ 110Km/h
Wind of survival	≥ 200Km/h