

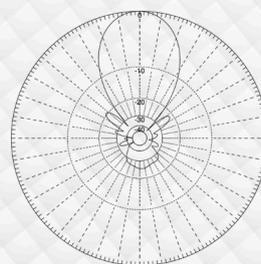
DIRU-140/12C9

DIRECTIONAL ANTENNA YAGI 12 ELEMENTS

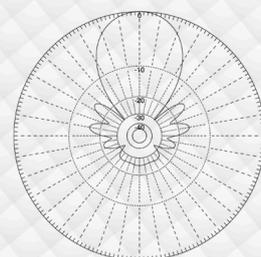
High-gain directional Yagi antenna, made of special aluminum alloy, with excellent mechanical resistance and high electrical conductivity.

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

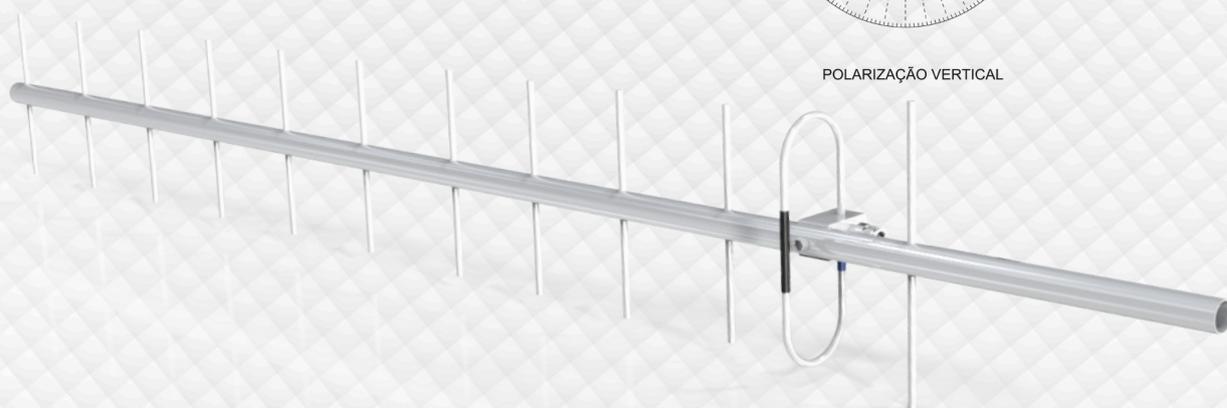
In addition to being lightweight and easy to install, it does not require field adjustment so that its VSWR remains below 1.5:1 throughout the operating frequency range.



POLARIZAÇÃO HORIZONTAL



POLARIZAÇÃO VERTICAL



Partnumber	Model	Frequency
504257	DIRU-140/12C9	900 / 960 MHz

ELECTRICAL SPECIFICATIONS	
VSWR	$\leq 1,5 : 1$
Polarization	Vertical / Horizontal
Nominal impedance	50 Ω
Maximum power	200 Watts
Gain	14 dBi
Front to back ratio	≥ 20 dB
1/2 power angle	Horizontal 930 MHz 40°
1/2 power angle	Vertical 930 MHz 44°
Connector	N female
Lightning protection	Grounded elements

MECHANICAL SPECIFICATIONS	
Width / Diameter	159 mm
Total length	959 mm
Weight	0,550 Kg
Finish	White epoxy paint
Fixation	Metal tube 30 mm
Wind exposure area	0,0951 m ²
Basic material	Brass
Operational wind	≥ 110 Km/h
Wind of survival	≥ 200 Km/h