

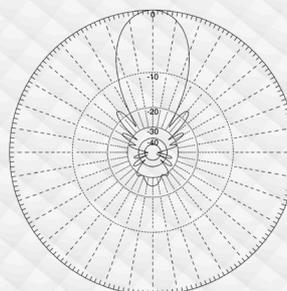
# DIRU-160/18C9

## DIRECTIONAL ANTENNA YAGI 18 ELEMENTS

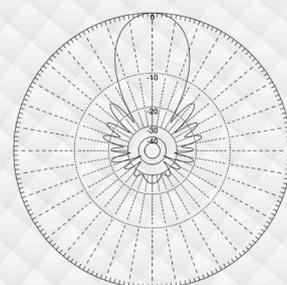
High-gain directional Yagi antenna, made of special aluminum alloy, with excellent mechanical resistance and high electrical conductivity .

The antenna is designed to prevent the accumulation of electrostatic charges on the coaxial cable. This feature provides greater protection forequipment 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	Range
504258	DIRU-160/18C9	900 / 960 MHz

ELECTRICAL SPECIFICATIONS	
VSWR	$\leq 1,5 : 1$
Polarization	Vertical / Horizontal
Nominal impedance	50 $\Omega$
Maximum power	200 Watts
Gain	18 dBi
Front to back ratio	$\geq 20$ dB
1/2 power angle	Horizontal 930 MHz 32°
1/2 power angle	Vertical 930 MHz 35°
Connector	N female
Lightning protection	Grounded elements

MECHANICAL SPECIFICATIONS	
Width / Diameter	153 mm
Total length	1463 mm
Weight	0,680 Kg
Finish	White epoxy paint
Fixation	Metal tube 30 mm
Wind exposure area	0,1377 m <sup>2</sup>
Basic material	Brass
Operational wind	$\geq 110$ Km/h
Wind of survival	$\geq 200$ Km/h