

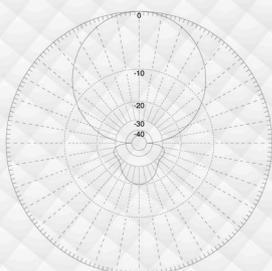
DIRV-90/5DV

VHF DIRECTIONAL ANTENNA YAGI 5 ELEMENTS

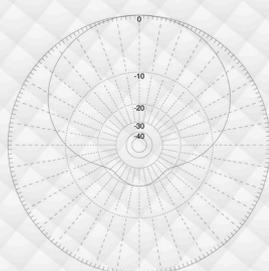
High-gain YAGI-type directional antenna, made of special aluminum alloy, with excellent mechanical strength and high electrical conductivity.

The antenna was designed to prevent the buildup of electrostatic charges on the coaxial cable. This feature provides greater protection for the equipment and reduces noise levels, allowing for excellent 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 across the entire operating frequency range.



Horizontal polarization



Vertical polarization

Partnumber	Model	Range
504006	DIRV-90/5DV	148 / 174 MHz
504013	DIRV-90/5DV CNT	148 / 174 MHz

ELECTRICAL SPECIFICATIONS	
VSWR	≤ 1,5 : 1
Polarization	Vertical / Horizontal
Nominal impedance	50 Ω
Maximum power	300 Watts
Revenue	7,5 dBi
Front to back relationship	≥ 17 dB
½ power angle	Horizontal 161 MHz 55°
½ power angle	Vertical 161 MHz 71°
Connector	UHF female / N female
Lightning protection	Grounded elements

MECHANICAL SPECIFICATIONS	
Width / Diameter	1481 mm
Weight	1,800 Kg
Total lenght	980 mm
Fixing	51 mm metal tube
Area of wind exposure	0,2830 m ²
Basic material	Aluminum
Operating wind	≥ 110Km/h
Wind of survival	≥ 200Km/h