

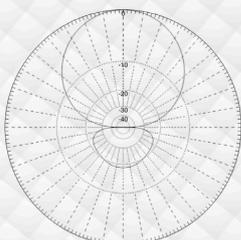
# DIRV-60/3DV

## VHF DIRECTIONAL ANTENNA YAGI WITH 3 ELEMENTS

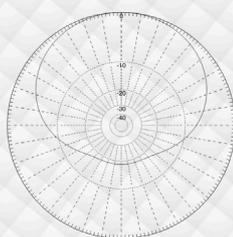
High-gain YAGI-type directional antenna, made of special aluminum alloy, with excellent mechanical strength and high electrical conductivity.

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 so its VSWR remains below 1.5:1 across the entire operating frequency range.



Horizontal Polarization



Vertical Polarization

Code	Model	Range
504003	DIRV-60/3DV	156 / 170 MHz
504007	DIRV-60/3DV	144 / 160 MHz
504008	DIRV-60/3DV	158 / 174 MHz

ELECTRICAL SPECIFICATIONS	
VSWR	≤ 1,5 : 1
Polarization	Vertical / Horizontal
Nominal impedance	50 Ω
Maximum power	300 Watts
Revenue	6 dBi
Forward relationship	≥ 17 dB
½ power angle	Horizontal 153 MHz 68°
½ power angle	Vertical 153 MHz 102°
Connector	UHF female
Lightning protection	Grounded elements

MECHANICAL SPECIFICATIONS	
Broad	1040 mm
Weight	1,800 Kg
Total length	850 mm
Fixing	30 mm metal tube
Wind exposure area	0,1657 m <sup>2</sup>
Basic material	Aluminum
Operating wind	≥ 110Km/h
Wind of survival	≥ 200Km/h