

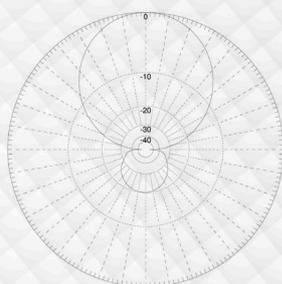
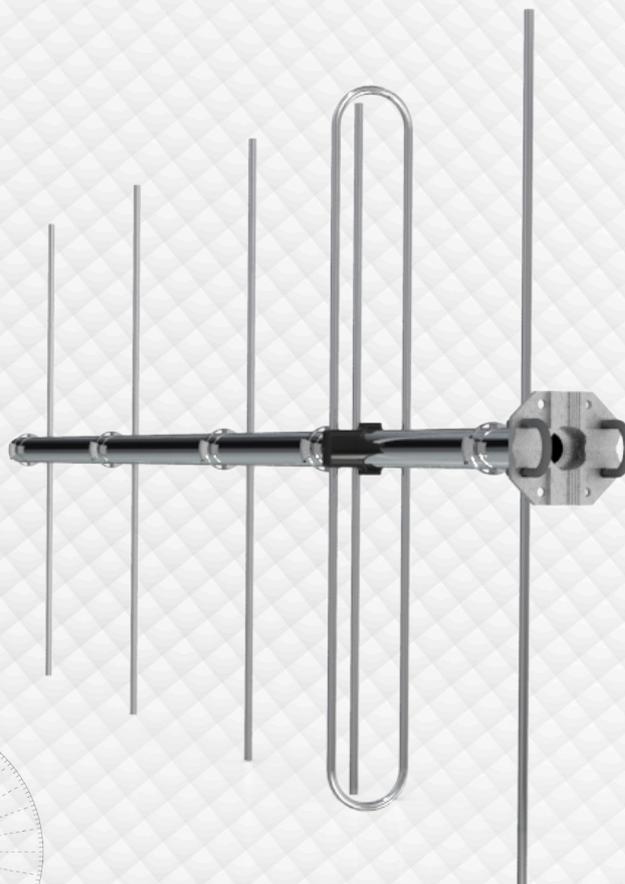
DIRV-100/6

VHF DIRECTIONAL ANTENNA YAGI WITH 6 ELEMENTS

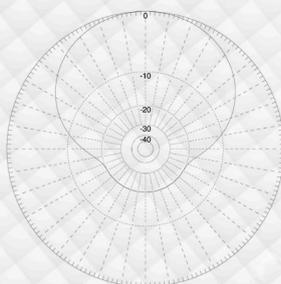
High gain YAGI directional antenna, made of special aluminum alloy, with excellent resistance mechanical and high electrical conductivity.

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 optimal 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 |
|------------|------------|---------------|
| 504010 | DIRV-100/6 | 144 / 174 MHz |

| ELECTRICAL SPECIFICATIONS | |
|----------------------------|------------------------|
| VSWR | ≤ 1,5 : 1 |
| Polarization | Vertical / Horizontal |
| Nominal impedance | 50 Ω |
| Maximum power | 300 Watts |
| Revenue | 10 dBi |
| Front to back relationship | ≥ 20 dB |
| ½ power angle | Horizontal 159 MHz 49° |
| ½ power angle | Vertical 159 MHz 63° |
| Connector | UHF female |
| Lightning protection | Grounded elements |

| MECHANICAL SPECIFICATIONS | |
|---------------------------|-----------------|
| Broad | 1030 mm |
| Weight | 6 Kg |
| Total lenght | 1552 mm |
| Fixing | 51mm metal tube |
| Area of wind exposure | 0,117 m² |
| Basic material | Aluminum |
| Operating wind | ≥ 110Km/h |
| Wind of survival | ≥ 200Km/h |