

Direct 15

Directional Parabolic Antenna



High-directional parabolic antenna working in 2,4 GHz band. It has increased resistance against the opposite polarization up to 23,59 dBi. It is suitable for using in cities.

Antenna is made of a top quality two-layer ABS/Plexiglas (PMMA) material. The features of used material enable Direct 15 to be used also in more difficult climatic conditions. Parabolic reflector was completely designed in CAD environment and his form was completed on 3D cutter with accuracy of thousandth of millimeter. Inner side of paraboloid is handled by vacuum micro layer technology. RF elements owns industrial design for using this technology.

There is a possibility to use Direct 15 in horizontal polarization or vertical polarization. High quality plastic material ensures that antenna is corrosion resistant and its lifetime is very long.

FEATURES:

- ✓ Operating frequency 2400 – 2480 MHz
- ✓ Material ABS/Plexiglas (PMMA) + Aluminium
- ✓ Vertically or horizontally polarized
- ✓ Mounting with articulated hinge

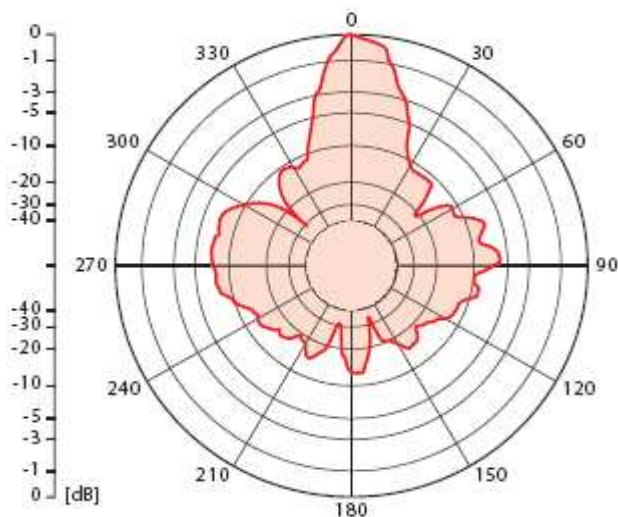
BENEFITS:

- ✓ High gain/size ratio
- ✓ Small size & Lightweight – reduced shipping costs
- ✓ High resistance against opposite polarization
- ✓ Long lifetime
- ✓ No corrosion
- ✓ Easy installation

TECHNICAL SPECIFICATIONS:

Frequency Band	2400 - 2485 MHz
Dimensions	Diameter 290 mm
Gain	12,37 dBi
-3 dB Beamwidth	21° H 12° V
Weight	540 g
Connector	SMA rp Male
Operating Temperature	-30°C to +70 °C
Pole Diameter	20 - 57 mm
Material	Aluminium + ABS
Polarization	Horizontal / Vertical
Impedance	50 Ω

ANTENNA PATTERN:



NOTES:

- ✓ All shipments F.O.B. Bratislava
- ✓ Direct 15 carries a 2 year warranty

PACKAGING:

- ✓ Each unit packed in one box: 32x30x6cm
- ✓ Gross weight (1pc): 740g
- ✓ Package contents: Dish, Feeder, Mounting Bracket, Screws