

Direct 21-5G

Directional Parabolic Antenna



High-directional parabolic antenna working in 5 GHz band. It has increased resistance against the opposite polarization. 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 15-5G 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 21-5G 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 5400 – 5900 MHz
- ✓ Material ABS/Plexiglas (PMMA) + Aluminium
- ✓ Vertically or horizontally polarized
- ✓ Mounting with articulated hinge

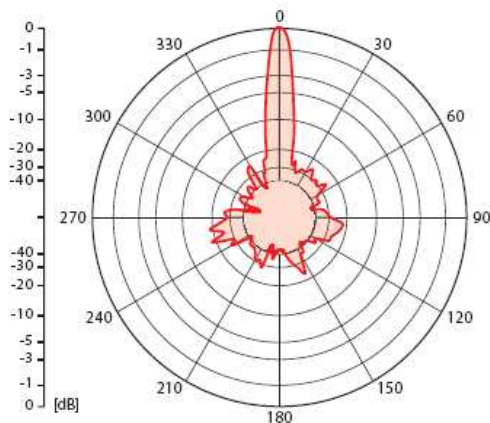
BENEFITS:

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

TECHNICAL SPECIFICATIONS:

Frequency Band	5400 - 5900 MHz
Dimensions	14.1" x 10.6"
Gain	21 dBi
-3 dB Beamwidth	10°
Weight	1.5 lbs
Connector	N - Female
Operating Temperature	-30°C to +70 °C
Pole Diameter	1" - 2.2"
Material	Aluminium + ABS
Polarization	Horizontal / Vertical
Impedance	50 Ω

ANTENNA PATTERN:



FEEDER:



Direct 21-5G has a new feeder (half wave's dipole in waveguide). Coaxial waveguide which is ended with N connector is completely hidden in the holder of feeder. Feeder's collar is shaped exactly according to the type of parabolic reflector. After this manner optimal radiation is secured. Moreover, maximum possible gain is achieved and possible over radiation of reflector is eliminated.

NOTES:

- ✓ All shipments F.O.B. Texas USA
- ✓ Direct 21-5G carries a 2 year warranty

PACKAGING:

- ✓ Each unit packed in one box: 38x28x8cm
- ✓ Gross weight (1pc): 910g
- ✓ Package contents: Dish, Feeder, Mounting Bracket, Screws