

Grid 32-5G v2

Directional Parabolic Antenna



High-directional parabolic WLAN antenna working in 5 GHz band. Grid 32-5G v2 is assigned for extremely long links (over 20km). The antenna has excellent parameters and increased resistance against the opposite polarization. Grid 32-5G v2 has very good front to back performance. Its design ensures very good wind loading characteristics.

Grid 32-5G v2 can be used in horizontal polarization or vertical polarization. It is constructed of steel and aluminum. The surface treatment consists of zinc. Grid 32-5G v2 comes with N female connector.

FEEDER:

Grid 32-5G v2 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.



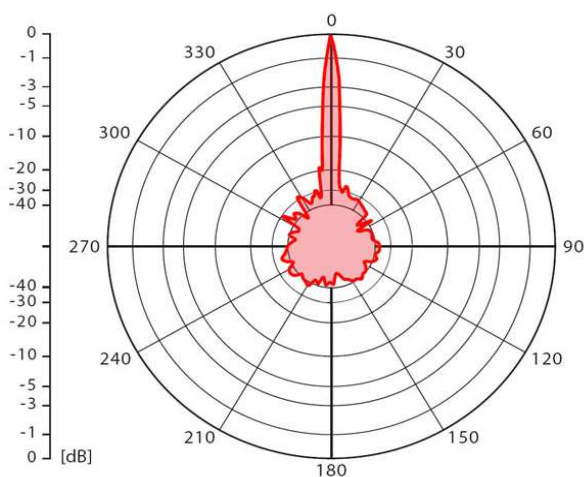
FEATURES & BENEFITS:

- ✓ High gain 5 GHz Grid antenna
- ✓ High resistance against opposite polarization
- ✓ Low wind load
- ✓ Vertically or horizontally polarized
- ✓ Material Steel + Aluminium
- ✓ Surface treatment – zinc
- ✓ Heavy duty mounting bracket

TECHNICAL SPECIFICATIONS:

Frequency Band	5470 - 5850 MHz
Dimensions	Diameter 840 mm
Gain	32 ± 1 dBi
-3 dB Beamwidth	4,5° ± 1°
Weight	8000 g
Antenna RF connector	N - Female
Material	Steel + Aluminium
Surface treatment	Zinc
Pole Diameter	28 - 65 mm
Operation Temperature	-40°C to +70 °C
Front to Back	40 dB
Polarization	Horizontal / Vertical
Impedance	50 Ω

ANTENNA PATTERN:



NOTES:

- ✓ All shipments F.O.B. Bratislava
- ✓ Grid 32-5G v2 carries a 2 year warranty

PACKAGING:

- ✓ Package contents: Grid, Feeder, Feeder holder (tube), Mounting Bracket, Screws