

104-1033 Antenna 5dBi puck

Ver: 1. Feb 2, 2024



Product description

This antenna provides 5 dBi gain with very broad coverage in all directions. It is suitable for both indoor and outdoor applications. The antenna is designed to be mounted on an electrical cabinet and provides a water-proof IP65 housing on the outside when mounted properly. This antenna is lightweight and features a discrete black ABS radome.

Designed for all weather operation, 104-1033 features a robust body that is tamper proof. It mounts to the electrical cabinet by fastening the included hex nut on the inside of the cabinet, making sure no unauthorized persons can dismount the antenna.

The antenna has a 1 meter (3 ft.) coaxial cable with an RP-SMA male connector that fits directly onto LumenRadio's products with RP-SMA female antenna port



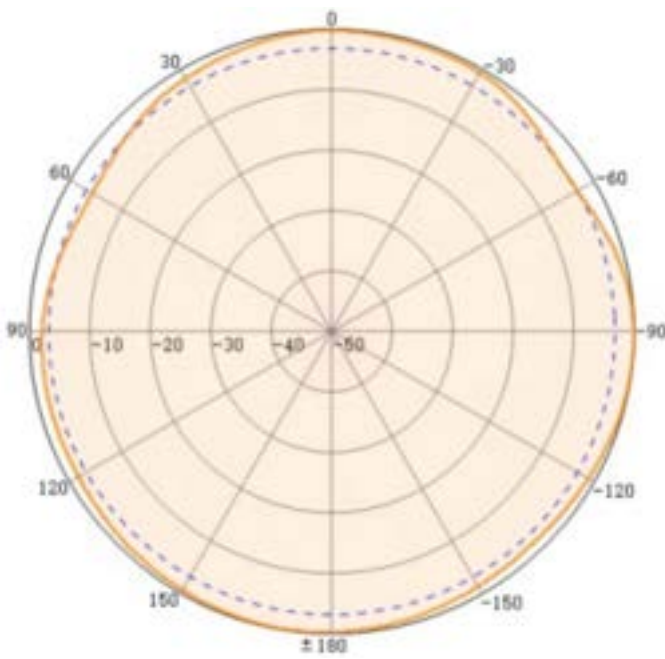
Electrical specifications

| | |
|----------------------|-------------------|
| Frequency | 2400 – 2483.5 MHz |
| Gain | 5 dBi |
| Polarization | Vertical |
| Radiation pattern | Omni directional |
| Maximum input power | 25 W |
| Impedance | 50 Ohms |
| VSWR | ≤1.5:1 |
| Lightning protection | DC Ground |

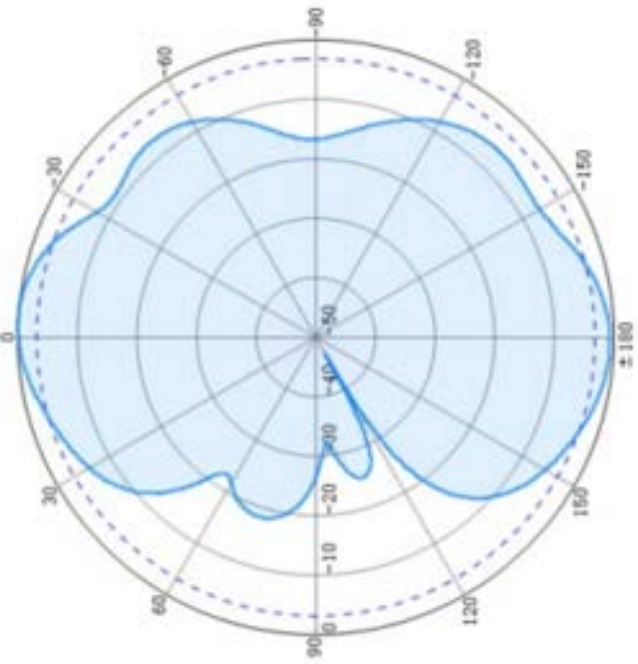
Mechanical specifications

| | |
|---------------------------|---|
| Connector | RP-SMA male |
| Cable length | 1 m (3 ft.) |
| Mounting hole size (dia.) | 12 mm |
| Radome material | ABS |
| Operating temperature | -20° to 60° C (-4° to 140° F) |
| Dimensions | 45 (dia) x 25 mm (1.8 (dia.) x 1.0 in.) |
| Weight (incl. mount) | 41 g (0.1 lbs.) |
| IP rating | IP65 |
| RoHS compliant | Yes |

RF antenna pattern



Horizontal plane



Vertical plane