

Zebra AN720

Compact, Rugged RFID Antenna

Compact antenna for rugged and outdoor environments

The AN720, with an IP67 rating, is at home indoors or out—suited for customer facing, rugged and outdoor environments, shopping areas, receiving dock doors and ceilings, as well as out on the tarmac, and on conveyor belts to name a few. The outer housing is designed to be sleek and discreet enough to be at home in any business but rugged enough for outdoor industrial environments.



AN720 Specifications

| PHYSICAL CHARACTERISTICS | |
|--------------------------|---|
| Polarization | Left-hand circular |
| Dimensions | 132.8 mm x 132.8 mm x 18.1 mm/ 5.2 in. x 5.2 in. x 0.7 in. |
| Connector | N-Type Female |
| Connector Location | Rear |
| Mounting Options | Articulating mounting bracket included |
| Weight | 0.37 kg/0.8 lbs |
| Casing/Materials | Aluminum with white plastic cover |
| Frequency Ranges | EU: 865–868 MHz US: 902–928 MHz |
| VSWR (Return Loss) | 1.5:1 |

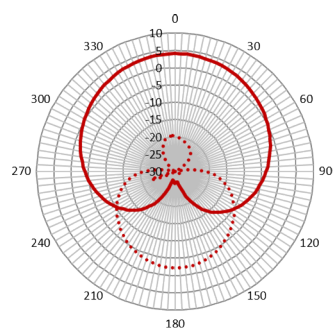
| | |
|-----------------------|-----------------------------------|
| Gain | US/Canada: 3.0 dBiL; EU: 3.5 dBiL |
| Front to Back Ratio | 8 dB |
| 3 dB Beam Width | 100° in both planes |
| Maximum Power | 10 Watts |
| Axial Ratio | 2 dB |
| Operating Temperature | -25° to +70°C/-13° to +158°F |
| Storage Temperature | -40° to +70°C/-40° to +158°F |
| IP Sealing | IP67 |
| Vibration | MIL-STD-810 |
| Humidity | IEC-68-2-30 |

Vertical Markets

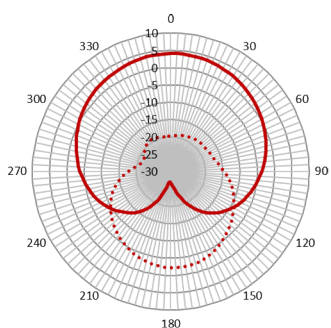
- Retail
- Enterprise/Office
- Hospitality
- Healthcare
- Transportation and Logistics

Applications

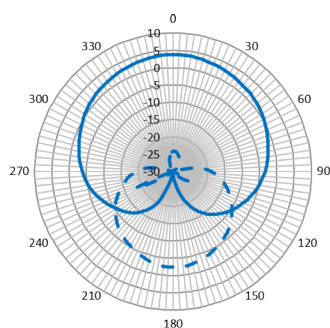
- Point of sale
- Conveyor belts
- Control points
- Hallways



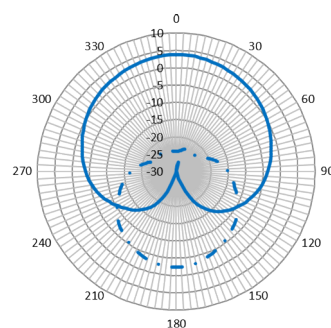
Horizontal (FCC)



Vertical (FCC)



Horizontal (ETSI)



Vertical (ETSI)