

Zebra AN510

Ultra-Rugged, Low-Profile Antenna

IP67 rated for indoor and outdoor applications

The AN510 ultra-rugged, low-profile antenna, with an IP67 rating, is suitable for use in a wide range of indoor and outdoor environments including outdoor shopping areas, receiving dock doors, ceilings, 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. The versatile flush and VESA-studded mounting options make installation and mounting simple.



AN510 Specifications

PHYSICAL CHARACTERISTICS	
Polarization	Right-hand circular
Dimensions	250 mm x 250 mm x 14 mm / 9.85 in. x 9.85 in. x 0.55 in.
Connector	SMA Female
Connector Location	side mounted
Mounting Options	Flush mount or VESA mount
Weight	0.75 kg/1.6 lbs
Casing/Materials	UV-Resistant ABS
Frequency Ranges	EU: 865–868 MHz US: 902–928 MHz
Gain	8.5 dBiC

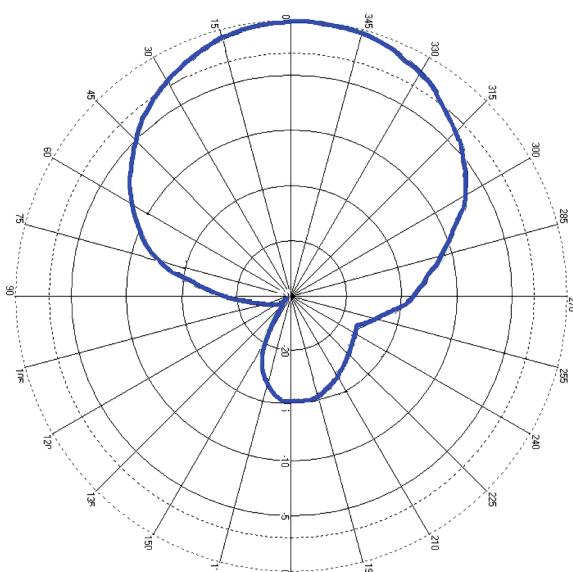
VSWR (Return Loss)	1.3:1
Front to Back Ratio	20 dB
3 dB Beam Width	68° in both planes
Maximum Power	3 Watts
Axial Ratio	1dB
Operating Temperature	-20° to +55°C/-4° to +131°F
Storage Temperature	-30° to +65°C/-22° to +149°F
IP Sealing	IP67
Vibration	MIL-STD-810G
Humidity	72 Hours @ 85°C relative humidity

Vertical Markets

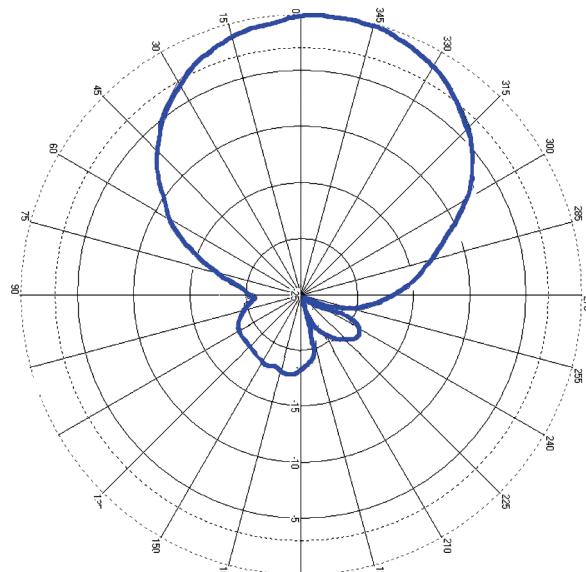
- Retail
- Warehouse Management
- Manufacturing
- Cold-chain
- Aviation

Applications

- Outdoor shopping areas
- Receiving dock doors
- Ceilings and walls to create superior read zones around shelves
- Freezers and freezer trucks
- Baggage tracking solutions
- Access control systems



Horizontal (ETSI and FCC)



Vertical (ETSI and FCC)