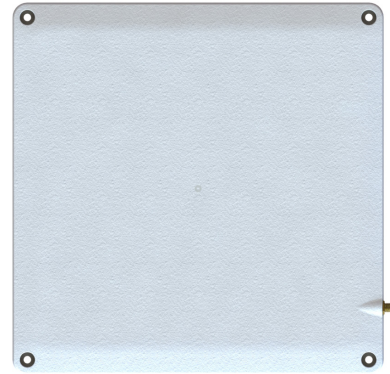


Zebra AN510 Ultra-Rugged, Low Profile Antenna

IP67 rated for use in outdoor environments and dock door 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	1.6 lbs./0.75kg
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	1 dB
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

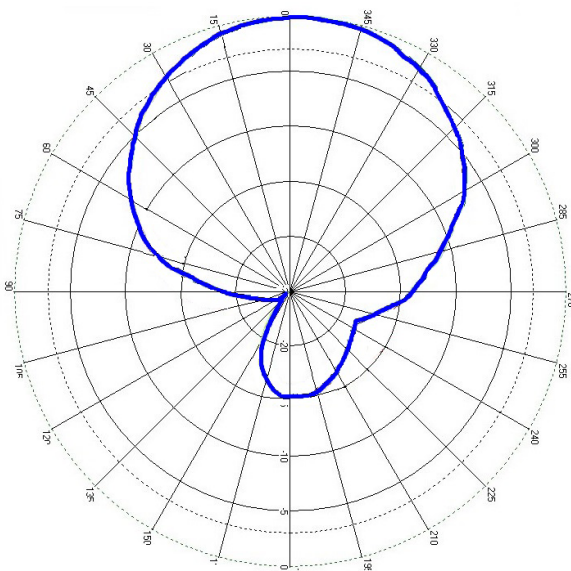
TAA Compliance: Yes

Vertical Markets

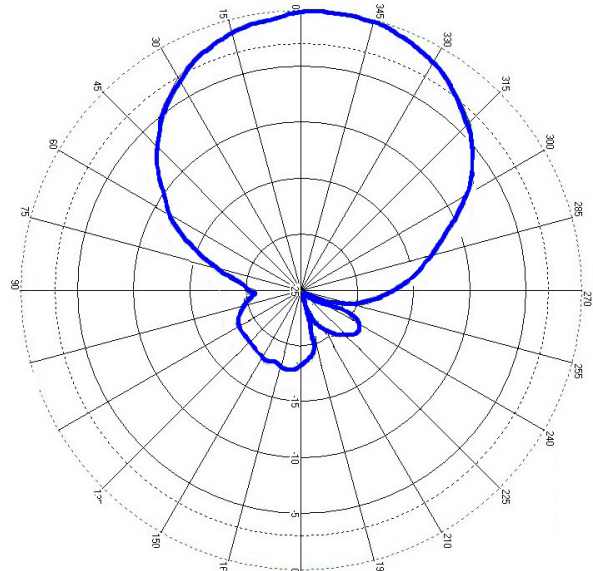
- Retail
- Warehouse management
- Manufacturing
- Cold-chain
- Aviation

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 & FCC)



Vertical (ETSI & FCC)