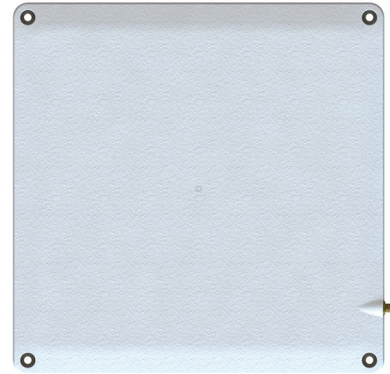


# Zebra AN510 Ultra-Rugged, Low-Profile Antenna

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

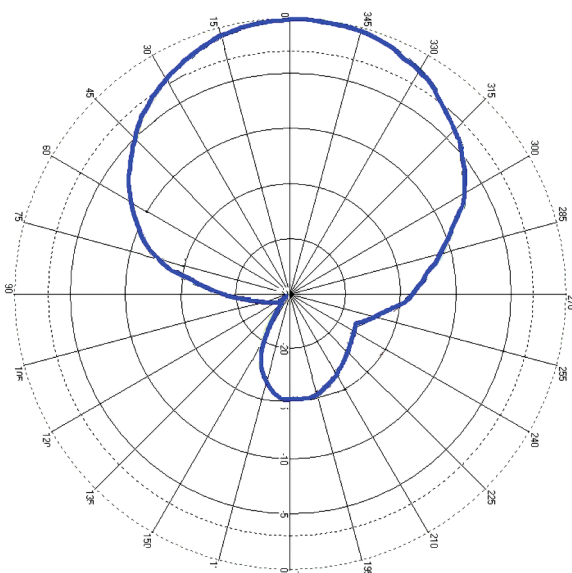
<b>VSWR (Return Loss)</b>	1.3:1
<b>Front to Back Ratio</b>	20 dB
<b>3 dB Beam Width</b>	68° in both planes
<b>Maximum Power</b>	3 Watts
<b>Axial Ratio</b>	1 dB
<b>Operating Temperature</b>	-20° to +55°C/-4° to +131°F
<b>Storage Temperature</b>	-30° to +65°C/-22° to +149°F
<b>IP Sealing</b>	IP67
<b>Vibration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

### Vertical Markets

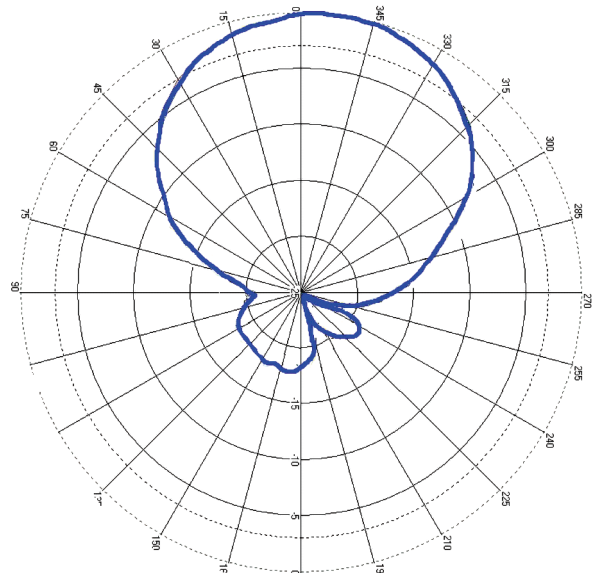
- Retail
- Warehouse Management
- Manufacturing
- Cold-chain
- Aviation

### 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)