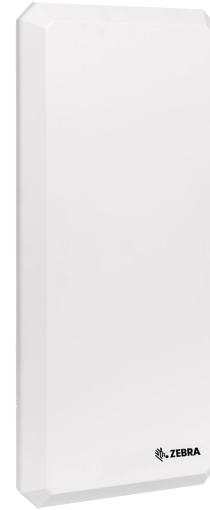


# Zebra AN440 Dual-Element RFID Antenna

Large area coverage for high-capacity, high-throughput environments

The AN440 RFID antenna gives you a wide read field and high-speed RF signal conversion, so data capture is fast and accurate, even in expansive, high-demand environments. The AN440 is easy to mount on ceilings and walls, and its rugged housing is at home in both customer-facing and industrial settings. You can achieve superior read zones around stockroom shelves, warehouse doorways and dock doors—anywhere boxes and pallets are moving in and out of your facility. Your workflow keeps flowing, your inventory count stays accurate and your productivity can reach new heights.



## AN440 Specifications

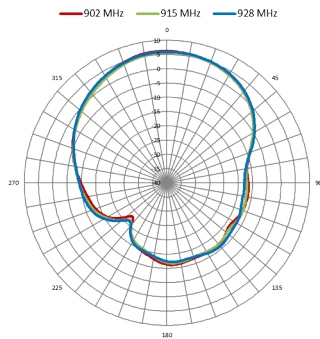
PHYSICAL CHARACTERISTICS	
<b>Polarization</b>	1 x left-hand circular/1 x right-hand circular
<b>Dimensions</b>	575.1 mm x 259.1 mm x 33.52 mm/ 22.6 in. x 10.2 in. x 1.32 in.
<b>Connector</b>	Dual N-Type Female
<b>Connector Location</b>	Rear
<b>Mounting Options</b>	Mounting studs provided
<b>Weight</b>	3.2 kg/7.0 lbs
<b>Casing/Materials</b>	UV Stable ASA
<b>Frequency Ranges</b>	EU: 865–868 MHz US: 902–928 MHz*
<b>VSWR (Return Loss)</b>	1.22:1
<b>Gain</b>	US/Canada: 6.0 dBiL

<b>Front to Back Ratio</b>	20 dB
<b>3 dB Beam Width</b>	70° in both planes
<b>Maximum Power</b>	10 Watts
<b>Axial Ratio</b>	1 dB typical
<b>Operating Temperature</b>	-30° to +70°C/-22° to +158°F
<b>Storage Temperature</b>	-40° to +85°C/-40° to +185°F
<b>IP Sealing</b>	IP67
<b>Vibration</b>	MIL-STD-810G, Method 507.5, Procedure II–Aggravated, IEC-68-2-6 (10 to 150 Hz, 0.5g, one hour in each of two axes–random vibration)
<b>Humidity</b>	IEC-68-2-30 (-25° to +40°C/-13° to +104°F) 24 hour cycles of 90% relative humidity

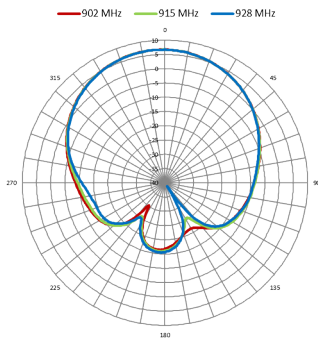
\* Optimized for US

- Vertical Markets**
- Retail
  - Enterprise/Office
  - Hospitality
  - Healthcare
  - Transportation & Logistics
  - Manufacturing

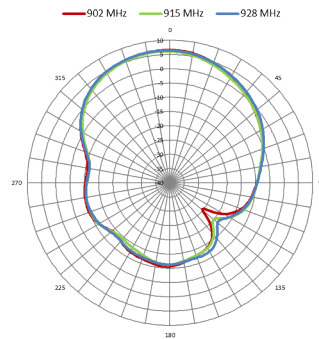
- Applications**
- Point of sale
  - Conveyor belts
  - Control points
  - Hallways
  - Dock doors



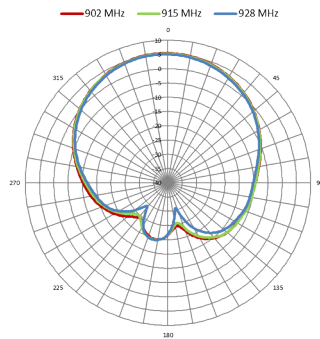
Horizontal (LHCP)



Vertical (LHCP)



Horizontal (RHCP)



Vertical (RHCP)