



RFID Antennas

| Rugged Antennas | | |
|--------------------------------|---|--|
| | AN440 | AN480 |
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| PRODUCT DESCRIPTION | The rugged AN440 High Capacity Antenna is ideal for the largest environments with high product density. This dual-element antenna offers one right and one left circularly polarized mono-static antennas in one package, providing the wide read field and fast read rates required to capture the highest volume of tags. The simple white housing is at home in both customer-facing and industrial settings, and since the AN440 is easy to mount on both ceilings and walls, you can easily achieve superior coverage in challenging areas such as warehouse doorways, dock platforms and multi-level stockroom shelves. | The AN480 single port antenna offers the flexibility and performance required to meet the needs of enterprises around the world. The AN480 can be installed throughout the enterprise in manufacturing and warehouse floor environments, or in the ceilings of a hospital for asset tracking applications. A low axial ratio delivers a more uniform gain for superior performance, and as with all Zebra antennas, the AN480 uses our standard mounting bracket — so mounting the antenna for the first time or upgrading an existing Zebra antenna with the AN480 is fast and easy. Available in right and left-hand polarization. |
| TYPE/GAIN | High-performance dual RFID antenna 6 dBi | High-performance indoor wide band RFID antenna 6 dBi |
| FREQUENCY RANGE | 900–928 MHz (Will perform reasonably well in EU frequency in most applications) | 865–956 MHz |
| OPERATING TEMP. | -22° to 158° F/-30° to 70° C | -40° F to 149° F/-40° C to 65° C |
| SEALING | IP67 | IP54 |
| ENVIRONMENTAL | Cold, heat, temperature, shock, humidity, rain, salt fog, random vibration | Cold, heat, temperature, shock, humidity, rain, salt fog, random vibration |
| GEOGRAPHIC AVAILABILITY | Global | Global |

RFID Antenna Notices

The antenna frequency specification and label is a characteristic trait of the antenna's peak frequency response. The RFID reader, when professionally installed and selected for a country of operation, dictates the actual frequency of transmission/reception to ensure regulatory compliance for operation in a designated country. The actual frequency specification of the antenna is not material to regulatory compliance.