



## Zebra UHF RFID Antennas

Versatile, high-performance antennas  
for a wide variety of applications



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Zebra's family of Radio Frequency Identification (RFID) Antennas offers the versatility and performance required to meet diverse environmental and application needs—including customer-facing areas, warehouses and outdoor environments. When used in conjunction with Zebra's Fixed RFID Readers, communication with UHF RFID tags is accurate, fast and efficient. As vital components in reader-tag communications, our portfolio of high-performance antennas can meet the needs of any RFID solution.

Whether your application requires an antenna that blends into the environment, is IP67 sealed for rugged and extreme weather environments, or slim to fit into small spaces, we have the right antenna to complete your solution.

One pain point when choosing an antenna for your RFID solution is knowing which antenna can be used with a fixed RFID reader in order to get maximum performance while not to exceeding your local regulations. Zebra's UHF RFID antennas have been specifically tested with our fixed reader portfolio to ensure that the highest performance is possible while still maintaining compliance with regulatory standards.

## Service Completes the Solution

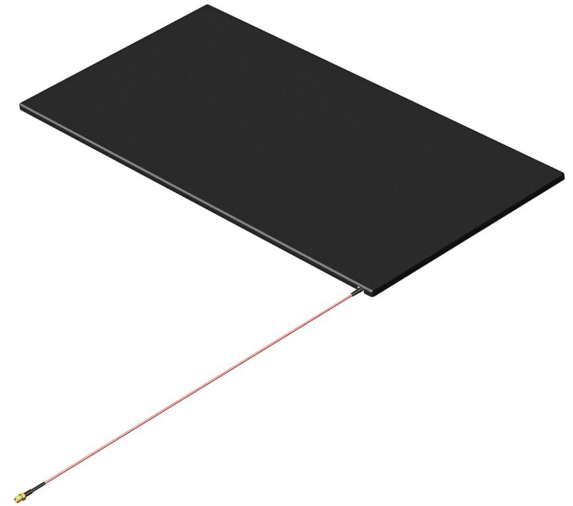
To help you seamlessly and successfully integrate your RFID antennas into your environment, Zebra offers a complete suite of services that span the entire solution lifecycle—from initial planning and assessment through ongoing training and support.



# Zebra AN670 Low-Profile, Near-Field RFID Antenna

Discreet form factor with near-field radiation for tighter zone control

The AN670 low-profile, near-field RFID antenna is designed with a tightly constrained spatial range for precise control, allowing you to read assets within a specific proximity. It also has increased power density that allows you to read a broader range of product types. Its ultrathin, 1/3 inch profile means it can be used in even the smallest settings without being noticed.



## AN670 Specifications

Physical Characteristics	
Polarization	Near-Field
Dimensions	604 x 304 x 8.5mm 23.77 in. x 11.96 in. x 0.33 in.
Connector	SMA Female Fly Lead
Connector Location	Side
Mounting Options	Integrated flush mounting holes or VESA mount
Weight	1.18 kg/2.59 lbs
Casing/Materials	Flame Retardant ABS
Frequency Ranges	EU: 865-867 MHz US: 902-928 MHz

VSWR (Return Loss)	1.95 typical
Maximum Power	3 Watts
Operating Temperature	0° to +50°C/+32° to +122°F
Storage Temperature	-30° to +50°C/-22° to +122°F
IP Sealing	IP54
Nominal Impedance	50 Ω
Antenna Detection	10K Ω resistance

### Vertical Markets

- Retail
- Offices
- Hospitality
- Healthcare

### Applications

- Point of sale
- Under the counter
- Within shelving
- Inside medical cabinets

