

## A1173

740–870 MHz 3 dB Gain Mobile Antenna

### PRODUCT OVERVIEW

The A1173 is a 740–870 MHz mobile antenna designed to deliver reliable 3 dB gain performance in demanding vehicle and fleet installations. Its 5/8 wave over 1/4 wave design provides efficient signal radiation while maintaining a compact 14-inch profile.

- **Optimized Performance:** The tuned design ensures consistent coverage across the 740–800 MHz band, supporting stable communications without the need for additional antennas.
- **Durable Construction:** This antenna uses the finest corrosion resistant materials and finishes available. The base is triple plated chrome brass with a large insert molded low loss coil form and a spring loaded contact.
- **Reliable Contact:** The ABS base has an ultrasonically welded brass insert and a spring-loaded contact for long-term reliability.
- **Standard Mounting:** These antennas mate with a standard TAD/NMO type mount, providing an excellent moisture seal even when the antenna is removed.

Tested and trusted, Mobile Mark focuses on quality, fast delivery, and leveraging the expertise of highly skilled professionals, specializing in customizable manufacturing solutions across North America and Europe. By combining advanced technologies with comprehensive team knowledge, we ensure tailored products that meet diverse needs, all delivered efficiently to exceed expectations.

To Purchase, visit [www.TheAntennaStore.com](http://www.TheAntennaStore.com).


Electrical Specifications	
Frequency	740–870 MHz
Gain	3 dBi
VSWR	< 2:1
Impedance	50 Ohms
Power Rating	200 Watts

Mechanical Specifications	
Connector	Spring Loaded Contact
Radiator	Stainless Steel
Base	ABS with Ultrasonically Welded Brass Insert
Overall Length	14" (35.5 cm) at lowest frequency
Mounting	Standard TAD/NMO Mount
Operating Temperature	-40° to +80° C
Style	Shock Spring
Color	Brite (A) or Black (B)

A1173 Permanent Mount		A2173 Magnet Mount	
Brite	Black	Brite	Black
A1173A-50	A1173B-50	A2173A-50	A2173B-50



### HIGHLIGHTS:

- Shock Spring Radiator for Mobile Durability
- Standard TAD/NMO Mount Compatibility
- Permanent or Magnet Mount Options
- Manufactured in North America & Europe 

### COMMON APPLICATIONS:

- Land Mobile Radio
- Public Safety Communications
- Fleet & Utility Vehicles
- Commercial Mobile Installations

### RELATED MODELS:

- A1845 Series (Smaller Freq. Coverage, Whip)
- A1811WBS (Same Design, Lower Freq. Band)
- A55136 (Wider Coverage, Whip Style)

**MobileMark**  
antenna solutions®

US Headquarters +1.847.671.6690 • US/CA Toll Free +1.800.648.2800  
European Facility +44.1543.459555 • [www.MobileMark.com](http://www.MobileMark.com)

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