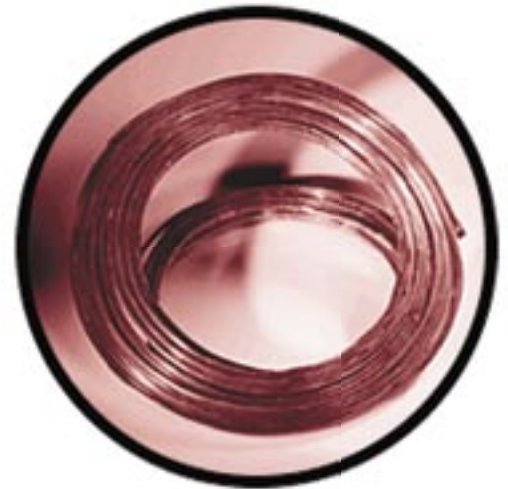


**Roadloop  
Antenna**

**Description**

The Road Loop Antenna is a low frequency activation antenna that connects directly to the AT-132-AT Activator to provide flexible coverage zones. The “loop” transmit element is buried in the floor or pavement, creating a radiation pattern that is well suited for vehicle access control and asset monitoring applications.

The kit contains a special “L-bracket” and extension wire that connects directly to the AT-132-NR Receiver to allow for remote installation of the receive antenna close to the activation area. The loop antenna element is comprised of durable cable that can be made into variable size loops and field adjusted to match each application, as well as a variety of operational environments. For vehicle applications, the ground loop antenna is available in two standard lengths capable of covering single and double lane widths up to 36 feet across. Larger sizes are available upon request.



**Features**

**Flexible Coverage** - configurable for a wide variety of coverage areas\*

**Signal Penetration** - activates tags mounted inside or outside of vehicles, containers, assets, etc.

**Clean Installation** - in-ground loop eliminates portal gantries, mounting poles and similar structures for an aesthetically pleasing installation

**Robust Construction** - dependable operation in harsh, high-traffic environments

**Specifications**

Name	ActiveTag <sup>™</sup> Roadloop Antenna
Part Numbers	AT-132-VL-S (4 x 16 feet); AT-132-VL-D (4 x 36 feet)
Operating Frequency	126 kHz
Connector	Male BNC (Dual Binding Post)
Case Material	Kapton Laminate
Operating Temperature	-40°C to +85°C (-40°F to +185°F)
Dimensions (approximate)	
Activation Loop	(-S): 4 x 16 feet; (-D): 4 x 36 feet
Whip Antenna	Length: 7 inches; Diameter: 0.5 inch
L-Bracket	20 in x 5 in x 5 in x 0.2 in diameter
Kit Shipping Weight (approximate)	
Single Lane (-S)	20 pounds
Double Lane (-D)	40 pounds

\*Operating Range depends on antenna selection, environmental factors and operational requirements. Range in excess of 50 feet is achievable with custom antenna designs.