

# Preformed Direct Burial Loop

## Description

BD Loops Preformed Direct Burial Inductance Loops are a complete loop with a set size loop and length of lead-in run. Our Direct Burial Loops have an extra layer of protection: a durable outer jacket that protects and tightly binds the inner conductors. All BD Loops are made with 16 AWG copper wire and rated for direct burial use.

## Uses

Used for direct burial applications such as in concrete pours, asphalt paving, gravel roads, dirt roads, or under pavers.



## Superior Features

- **Extra layer of protection**—Thick and durable outer jacket protects both loop and lead-in.
- Each loop is tested 3 ways before it leaves the factory.
- Lead-in wires are tightly bound in a protective outer jacket. Eliminating the need for twisting.
- Flex Yoke Design with 1/2" coupler to accept PVC conduit for protecting the lead-in run.

- The loop section is built with Solid 16AWG copper wire which makes it rigid and easy to form. In a concrete pour it won't fall below the rebar pattern.
- Unlike loops wrapped through PVC conduit, BD Loops Direct Burial Loops do not have an air pocket resulting in fewer repeat service calls due to phantom detections caused by ground vibration.
- Every direct burial loop comes with zip ties for installation and loop function labels to label the lead-in wires for easy identification after installation..

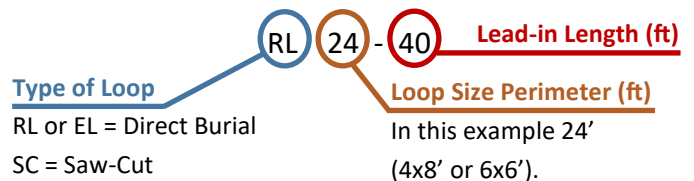
## Technical Specs

Wire Gauge	16 AWG Copper
# of Turns	2-4 (Depends on loop and lead-in size)
Outer Jacket Material	Doped PVC
Insulation Material	PE
Temperature Rating	75° C (167° F)
Wire Voltage Rating	600V
Rated for Direct Burial Use	

Product is a fully formed loop with a set size loop section and set length of lead-in. No assembly required.

See next page for a list of standard size loops and part numbers.

### How to read BD-Loops Part Numbers Example:



## Installation

Visit [BDLoops.com](http://BDLoops.com) to download our latest installation instructions.

This product is not designed for saw-cut applications, if you are cutting a loop into a hard surface use a BD Loops Preformed Saw-Cut Loop instead.

## Packaging

See reverse side for standard loop sizes and part numbers.



# Preformed Direct Burial Loop

## BD Loops Direct Burial Loop Sizes

The standard size loops listed in the chart below are available for same day shipping if BD Loops receives a PO from a distributor by 3:30 pm PST. Custom size loops are available and can ship same day if the PO is received by 12:00 pm PST.

<b>BD Loops Preformed Direct Burial Loop Size Chart</b>				
Loop Size	Residential Vehicle Application	Commercial Vehicle Application	Lead-In Length	BD Loops Part Number
14 Foot Loop 3x4ft	Drive Thru Lane / Parking	N/A	40'	RL 14-40
			60'	EL 14-60
16 Foot Loop 3x5ft or 4x4ft	8-10ft Driveway Width	N/A	40'	RL 16-40
			60'	EL 16-60
18 Foot Loop 3x6ft or 4x5ft	9-10ft Driveway Width	N/A	40'	RL 18-40
			60'	EL 18-60
20 Foot Loop 3x7ft or 4x6ft	10-11ft Driveway Width	N/A	40'	RL 20-40
			60'	EL 20-60
24 Foot Loop 4x8ft or 6x6ft	4x8ft loop pattern 12ft Driveway Width	6x6ft loop pattern 10ft Driveway Width	40'	RL 24-40
			60'	EL 24-60
			100'	EL 24-100
28 Foot Loop 4x10ft or 6x8ft	4x10ft loop pattern 14ft Driveway Width	6x8ft loop pattern 12ft Driveway Width	60'	EL 28-60
			100'	EL 28-100
32 Foot Loop 4x12ft or 6x10ft	4x12ft loop pattern 16ft Driveway Width	6x10ft loop pattern 14ft Driveway Width	40'	RL 32-40
			60'	EL 32-60
			100'	EL 32-100
36 Foot Loop 6x12ft		16ft Driveway Width	40'	RL 36-40
			60'	EL 36-60
			100'	EL 36-100
40 Foot Loop 6x14ft		18ft Driveway Width	60'	EL 40-60
			100'	EL 40-100
44 Foot Loop 6x16ft		20ft Driveway Width	40'	RL 44-40
			60'	EL 44-60
			100'	EL 44-100
52 Foot Loop 6x20ft		24ft Driveway Width	40'	RL 52-40
			60'	EL 52-60
			100'	EL 52-100

## Maintenance

BD Loops preformed loops are a no maintenance vehicle detection solution.

## Testing

If you suspect an issue with an inductance loop test it with a Megohmmeter.

Megohmmeters are insulation testers. They are the only meter that can test for the most common loop issue: a nick in the insulation causing the loop to short to ground. For detailed instructions on how to test a loop with a megohmmeter visit [BDLoops.com](http://BDLoops.com)

## Storage

BD Loops preformed loops do not expire/ have a shelf life.

We recommend storing unused preformed loops inside a box or bin indoors to keep them clean.

## Questions?

BD Loops is here for you. We have a 24 Hour tech support line. Give us a call at: 714-723-0946.