

Dec 2022

Preformed 3/16" Saw-Cut Loop

Description

BD Loops Preformed Saw-Cut Inductance Loops are a complete loop with a set size loop and length of lead-in run. Our Saw-Cut 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

For saw-cut installations where a 3/16" or wider slot is cut into the concrete or asphalt and the loop wire is stuffed into the saw-cut slot and sealed with loop sealant.



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.
- Backer-rod is built into the wire! No need to use backer-rod if the loop is installed in a 3/16" saw-cut groove.
- Lead-in wires are tightly bound in an protective outer jacket. Eliminating the need for twisting.
- Both loop and lead-in fit into a 3/16" wide saw-cut groove. No more double cutting the lead-in run!
- Loop fills up a larger percentage of the saw-cut groove, requires less loop sealant to seal the groove. (30-40% less sealant vs a 1/4" groove)
- Cuts don't need to be exact! Any BD Loop can be made up to 4' smaller. Be slightly conservative with your cuts and BD Loops Preformed Saw-Cut Loops will fit every time.

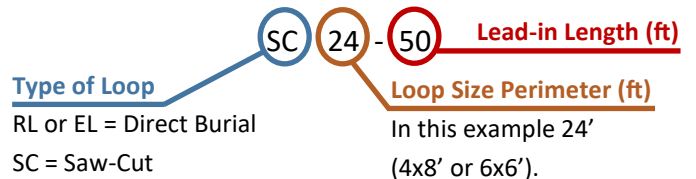
Technical Specs

Wire Gauge	16 AWG Copper
# Turns	2-4 (Depends on loop and lead-in size)
Outer Jacket Material	PE
Insulation Material	PE / Nylon
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 to download our latest installation instructions.

Basic installation process is to saw-cut the loop pattern and lead-in run into the surface. Push the preformed saw-cut loop into the saw-cut groove and then seal the loop and lead-in with loop sealant. Installing in a concrete pour or planning to bury the loop? Use BD Loops Preformed Direct Burial Loop instead.

Packaging

See reverse side for standard loop sizes and part numbers.



Preformed 3/16" Saw-Cut Loop

BD Loops Saw-Cut 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.

BD Loops Preformed Saw-Cut Loop Size Chart				
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	20'	SC 14-20
			50'	SC 14-50
16 Foot Loop 3x5ft or 4x4ft	8-10ft Driveway Width	N/A	20'	SC 16-20
			50'	SC 16-50
18 Foot Loop 3x6ft or 4x5ft	9-10ft Driveway Width	N/A	20'	SC 18-20
			50'	SC 18-50
20 Foot Loop 3x7ft or 4x6ft	10-11ft Driveway Width	N/A	20'	SC 20-20
			50'	SC 20-50
24 Foot Loop 4x8ft or 6x6ft	4x8ft loop pattern 12ft Driveway Width	6x6ft loop pattern 10ft Driveway Width	20'	SC 24-20
			50'	SC 24-50
			100'	SC 24-100
28 Foot Loop 4x10ft or 6x8ft	4x10ft loop pattern 14ft Driveway Width	6x8ft loop pattern 12ft Driveway Width	50'	SC 28-50
			100'	SC 28-100
32 Foot Loop 4x12ft or 6x10ft	4x12ft loop pattern 16ft Driveway Width	6x10ft loop pattern 14ft Driveway Width	20'	SC 32-20
			50'	SC 32-50
			100'	SC 32-100
36 Foot Loop 6x12ft		16ft Driveway Width	20'	SC 36-20
			50'	SC 36-50
			100'	SC 36-100
40 Foot Loop 6x14ft		18ft Driveway Width	50'	SC 40-50
			100'	SC 40-100
44 Foot Loop 6x16ft		20ft Driveway Width	20'	SC 44-20
			50'	SC 44-50
			100'	SC 44-100
52 Foot Loop 6x20ft		24ft Driveway Width	20'	SC 52-20
			50'	SC 52-50
			100'	SC 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

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. Keeping the loops clean will allow loop sealant to better adhere to the loops.

Questions?

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