

## Preformed Saw-Cut Inductance Loops

-Custom Loop Sizes Available-

### 20' of Lead-In

Part #	Description
SC 12-20	2 1/2" x 3 1/2" or 3" x 3" loop with a 20' lead-in.
SC 14-20	2 1/2" x 4 1/2" or 3" x 4" loop with a 20' lead-in.
SC 16-20	3" x 5" or 4" x 4" loop with a 20' lead-in.
SC 18-20	3" x 6" or 4" x 5" loop with a 20' lead-in.
SC 20-20	3" x 7" or 4" x 6" loop with a 20' lead-in.
SC 24-20	4" x 8" or 6" x 6" loop with a 20' lead-in.
SC 32-20	4" x 12" or 6" x 10" loop with a 20' lead-in.
SC 36-20	6" x 12" loop with a 20' lead-in.
SC 44-20	6" x 16" loop with a 20' lead-in.
SC 52-20	6" x 20" loop with a 20' lead-in.



[Installation Instructions](#) [In Spanish](#)

[Product Literature](#) [In Spanish](#)

Made in the USA Certification

[Click here to view a size chart to help determine what size loops your application needs](#)

Loop Size	Lead-In Length	Part #	Loop Size	Lead-In Length	Part #
2 1/2" x 3 1/2"	20'	SC 12-20	4" x 8"	100'	SC 24-100
2 1/2" x 4 1/2"	20'	SC 14-20	4" x 10"	100'	SC 28-100
3" x 5"	20'	SC 16-20	4" x 12"	100'	SC 32-100
3" x 6"	20'	SC 18-20	6" x 12"	100'	SC 36-100
3" x 7"	20'	SC 20-20	6" x 14"	100'	SC 40-100
4" x 8"	20'	SC 24-20	6" x 16"	100'	SC 44-100
4" x 10"	20'	SC 28-50	6" x 20"	100'	SC 52-100
4" x 12"	20'	SC 32-50			
6" x 12"	20'	SC 36-50			
6" x 14"	20'	SC 40-50			
6" x 16"	20'	SC 44-50			
6" x 20"	20'	SC 52-50			

### 50' of Lead-In

Part #	Description
SC 12-50	2 1/2" x 3 1/2" or 3" x 3" loop with a 50' lead-in.
SC 14-50	2 1/2" x 4 1/2" or 3" x 4" loop with a 50' lead-in.
SC 16-50	3" x 5" or 4" x 4" loop with a 50' lead-in.
SC 18-50	3" x 6" or 4" x 5" loop with a 50' lead-in.
SC 20-50	3" x 7" or 4" x 6" loop with a 50' lead-in.
SC 24-50	4" x 8" or 6" x 6" loop with a 50' lead-in.
SC 28-50	4" x 10" or 6" x 8" loop with a 50' lead-in.
SC 32-50	4" x 12" or 6" x 10" loop with a 50' lead-in.
SC 36-50	6" x 12" loop with a 50' lead-in.
SC 40-50	6" x 14" loop with a 50' lead-in.
SC 44-50	6" x 16" loop with a 50' lead-in.
SC 52-50	6" x 20" loop with a 50' lead-in.

### 100' of Lead-In

Part #	Description
SC 24-100	4" x 8" or 6" x 6" loop with a 100' lead-in.
SC 28-100	4" x 10" or 6" x 8" loop with a 100' lead-in.
SC 32-100	4" x 12" or 6" x 10" loop with a 100' lead-in.
SC 36-100	6" x 12" loop with a 100' lead-in.
SC 40-100	6" x 14" loop with a 100' lead-in.
SC 44-100	6" x 16" loop with a 100' lead-in.
SC 52-100	6" x 20" loop with a 100' lead-in.

#### Recommended installation tips:

- Works best with 3/16" saw-cut blade or wider 1/4" blade width. [Learn about air pockets and other issues caused by 1/8" grooves.](#)
- Learn about the dangers of using a loop that is too small to adequately protect the driveway.
- Use a loop sealant, NOT A CRACK FILLER to seal the groove.
- Loop should be installed black side up to ensure phasing direction matches. Due to the wire's wedge shape it is also easier to push the loop in with the black side up. (Red always down)
- Use a "V-cut" for the yoke to simplify your installation. [Learn more here!](#)
- Align loop over saw-cut groove before insertion into the groove will prevent having to pull up and realign a "tight-fitting" loop.
- Sprinkling sand over the sealant will create a barrier between the sealant and car tires and allow you to open the lane quicker. [We have a complete article about installation tips and tricks for saw-cut loops here.](#)

How to read BD Loops Part Numbers:

SC	RL	EL
Saw-Cut 26, 36, or 100ft lead-in	Reverse Loop (Direct Burial)	Ext Loop (Direct Bursal)
	48 ft lead-in	60 or 100ft lead-in



#### Preformed 3/16" Saw-cut Loop

Used for saw-cut installations where a 3/16" or larger groove is cut into the concrete or asphalt and the wire is stuffed and sealed (using loop sealant) into the surface. [Learn how BD Loops Saw-cut Loops are designed to save installers up to 35 minutes in installation time per loop.](#)

Our saw-cut loops have a custom durable polyethylene outer jacket that protects nylon coated polyethylene insulated 16AWG stranded wire. BD Loops Saw-Cut Loops have a built in wing shaped backer-rod that causes the loop to fit snugly in a 3/16" saw-cut groove. Our unique wire design prevents the installer from having to install backer-rod and creates a seal at the bottom of the groove, allowing the installer to apply sealant to a flat surface and resulting in at least a 30% savings in loop sealant to seal the groove vs. hand wrapped wires in a 1/8" wide groove.



The entire loop including the lead-in fits within a 3/16" saw-cut groove preventing wasted time spent double saw-cutting or doubling blades to cut the home run lead-in.

#### Do I have to cut a perfect sized pattern to use your loop?

Not at all. As long as you don't make the saw pattern larger than the loop size (you can never make a preformed loop any larger) our loop will fit every time. We designed our Saw-Cut loops to be able to take up excess loop in the lead-in run, which makes the loop smaller.



This is accomplished by laying the loop parallel in the lead-in run up to 2ft (which shortens the overall perimeter of the loop by up to 4ft) [We've actually written an in-depth article on methods to make preformed Saw-Cut Loops fit every time.](#)