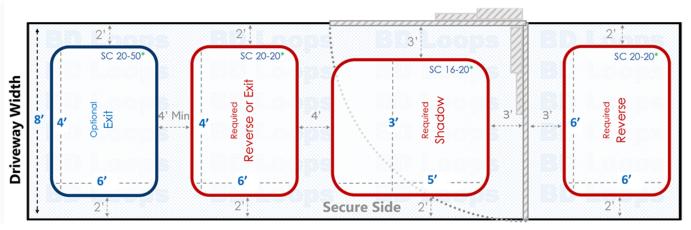
Swing Gate

Driveway Width: 8' Swings In



Loop Layout

For Detecting Commercial and Residential Vehicles



Drawing not to scale.

Saw Cut Application

For installation in existing concrete or asphalt roads. Saw-cut loops are cut into the surface and sealed with loop sealant. If you plan to bury loops please go back and select "Direct Burial Application" to view the proper diagrams.

Loop Sizes Needed:

Reverse/Exit Loop: 20 Perimeter Loop

BD Loops Part#: SC 22-20 or SC 20-50

Description: 4' x 6' Loop with 20' or 50' of lead-in

This Loop will have approximately 32" of detection height.

Shadow Loop: 16' Perimeter Loop

BD Loops Part#: SC 16-20

Description: 3' x 5' Loop with 20' of lead-in

This Loop will have approximately ${\bf 24}\hbox{\ensuremath{^{\prime\prime}}}$ of detection height.

These are standard size loops. Standard size loops can ship same day from our Placentia, CA location. *Contact your BD Loops Distributor for more information.*

Notes about Swing Gates:

Swing gates require a minimum of 3 loops to properly protect the gate path as pictured in red above:

* Additional lead-in lengths available. See reverse for loop size chart.

- An Inside Reverse Loop or Exit Loop
- A Shadow Loop
- An Outside Reverse Loop

Reverse Loops will hold the gate open, or reverse a closing gate if a vehicle enters or stops within the gate path. The inside reverse loop can be connected to the exit loop function if you desire. An Exit Loop will do everything a reverse loop does and will also open the gate automatically when a car drives over it. A Shadow Loop will check before the gate closes to see if a vehicle is present. When the gate is in motion the shadow loop will not respond to any detection, which is why reverse/exit functions are required on each side of the gate.

Have a long approach on the secure side? An additional exit loop further down the driveway will make the system more convenient for users. They will not have to wait for the gate to open when exiting.



Don't Forget Loop Sealant!

BD-LS Loop Shield is available in Black or Gray.
Self Leveling • 100% Solids

Self Leveling • 100% Solids Low VOC • Quick Skin Time Made in the USA

3/16" Wide Blade / Groove Sealant Coverage Chart

Cut Depth	Coverage per Tube	Coverage per Case
1 1/4"	20′	240′
1 1/2"	16′	192'

V1.0

BD Loops

Saw-Cut Loop Sizes

The standard size loops listed in the chart to the right are available for same day shipping if BD Loops receives a PO from a distributor by 3:30 pm PST.

Need a bigger loop or longer lead-in lengths?

Custom size loops are available and can ship same day if the PO is received by 12:00 pm PST.

Need to Test Loops?



The **BD-Megger** is an essential testing device that checks for the most common loop issue: a nick in the wire allowing current to leak to ground.



The E-Z Detector Checker quickly checks components upstream from the loop including the detector module, harness wiring, and circuit board loop connections.

BD Loops Preformed Saw-Cut Loop Size Chart

Residential Vehicle					
14 Foot Loop 3x4ft Parking N/A 20' SC 14-20		Residential Vehicle	Commercial Vehicle	Lead-In	BD Loops
16 Foot Loop 3x5ft or 4x4ft Driveway Width N/A So' SC 16-20	Loop Size	Application	Application	Length	Part Number
Say	14 Foot Loop	Drive Thru Lane /	N/A	20'	SC 14-20
16 Foot Loop				50'	SC 14-50
N/A S0' SC 16-50 SC 16-50 SC 16-50 SC 16-50 SC 16-50 SC 18-50 SC 18-20 SC 18-50 SC 20-20 SC 20-20 SC 20-20 SC 20-20 SC 20-20 SC 20-20 SC 20-50	3x4ft	Parking			
N/A S0' SC 16-50	16 Foot Loop	9-10 ft		20'	
18 Foot Loop 9-10ft N/A 20' SC 18-20 3x6ft or 4x5ft Driveway Width N/A 20' SC 18-50 20 Foot Loop 10-11ft N/A 20' SC 20-20 3x7ft or 4x6ft Driveway Width N/A 50' SC 20-20 4x8ft loop pattern 6x6ft loop pattern 20' SC 24-20 4x8ft or 6x6ft 12ft Driveway Width 50' SC 24-50 28 Foot Loop 4x10ft loop pattern 6x8ft loop pattern 100' SC 28-50 4x10ft or 6x8ft 14ft Driveway Width 100' SC 28-50 32 Foot Loop 4x12ft loop pattern 6x10ft loop pattern 20' SC 32-20 4x12ft or 6x10ft 6x10ft Driveway Width 100' SC 32-50 36 Foot Loop 16ft Driveway Width 100' SC 36-20 40 Foot Loop 18ft Driveway Width 50' SC 40-50 44 Foot Loop 20' SC 44-20 6x16ft 20' SC 44-20 20' SC 44-50 100' SC 44-5			N/A	50'	SC 16-50
3x6ft or 4x5ft	3x5ft or 4x4ft	Driveway width			
N/A So' SC 18-50	18 Foot Loop	9_10 ft			
20 Foot Loop 10-11ft N/A 20' SC 20-20 3x7ft or 4x6ft Driveway Width 50' SC 20-50 24 Foot Loop 4x8ft loop pattern 20' SC 24-20 4x8ft or 6x6ft 12ft Driveway Width 50' SC 24-50 28 Foot Loop 4x10ft loop pattern 12ft Driveway Width 100' SC 24-100 32 Foot Loop 4x12ft loop pattern 12ft Driveway Width 12ft Driveway Width 32 Foot Loop 4x12ft loop pattern 12ft Driveway Width 50' SC 28-50 4x12ft or 6x10ft 16ft Driveway Width 20' SC 32-20 50' SC 32-20 50' SC 32-50 14ft Driveway Width 100' SC 32-100 36 Foot Loop 16ft Driveway Width 50' SC 36-50 6x12ft 100' SC 36-100 40 Foot Loop 18ft Driveway Width 50' SC 40-50 6x14ft 20' SC 44-20 44 Foot Loop 20' SC 44-20 6x16ft 20' SC 52-20 50' SC 52-20 50' SC 52-20			N/A	50'	SC 18-50
3x7ft or 4x6ft Driveway Width So' SC 20-50	3x6ft or 4x5ft	Driveway width			
3x7ft or 4x6ft Driveway Width S0' SC 20-50	20 Foot Loop		N/A		SC 20-20
24 Foot Loop 4x8ft loop pattern 6x6ft loop pattern 20' SC 24-20 4x8ft or 6x6ft 12ft Driveway Width 50' SC 24-50 28 Foot Loop 4x10ft loop pattern 6x8ft loop pattern 4x10ft or 6x8ft 14ft Driveway Width 12ft Driveway Width 32 Foot Loop 4x12ft loop pattern 6x10ft loop pattern 4x12ft or 6x10ft 16ft Driveway Width 100' SC 32-100 36 Foot Loop 16ft Driveway Width 20' SC 36-20 50' SC 36-20 50' SC 36-50 4x12ft 100' SC 36-100 40 Foot Loop 18ft Driveway Width 50' SC 40-50 6x14ft 100' SC 40-100 44 Foot Loop 20' SC 44-20 6x16ft 20' SC 44-20 50' SC 44-50 50' SC 52-20 50' SC 52-20 50' SC 52-20				50'	SC 20-50
4x8ft or 6x6ft 4x8ft loop pattern 50' SC 24-50 28 Foot Loop 4x10ft loop pattern 6x8ft loop pattern 50' SC 24-100 28 Foot Loop 4x10ft loop pattern 12ft Driveway Width 50' SC 28-50 32 Foot Loop 4x12ft loop pattern 12ft Driveway Width 50' SC 28-50 4x12ft or 6x10ft 4x12ft loop pattern 14ft Driveway Width 50' SC 32-20 36 Foot Loop 50' SC 32-50 100' SC 32-100 36 Foot Loop 16ft Driveway Width 50' SC 36-20 50' SC 36-20 50' SC 36-50 100' SC 36-50 100' SC 36-100 44 Foot Loop 20' SC 40-50 6x16ft 20' SC 44-20 50' SC 44-20 20' SC 44-20 20' SC 44-50 100' SC 44-100 20' SC 52-20	3x7ft or 4x6ft	Driveway width			
4x8ft or 6x6ft 12ft Driveway Width 10ft Driveway Width 50' SC 24-50 28 Foot Loop 4x10ft loop pattern 6x8ft loop pattern 50' SC 24-100 4x10ft or 6x8ft 14ft Driveway Width 100' SC 28-50 32 Foot Loop 4x12ft loop pattern 12ft Driveway Width 100' SC 28-100 4x12ft or 6x10ft 6x10ft loop pattern 50' SC 32-20 14ft Driveway Width 50' SC 32-50 100' SC 32-100 36 Foot Loop 16ft Driveway Width 50' SC 36-20 6x12ft 16ft Driveway Width 50' SC 36-50 100' SC 36-100 100' SC 40-100 44 Foot Loop 20' SC 44-20 6x16ft 20' SC 44-20 50' SC 44-50 100' SC 44-100 52 Foot Loop 24ft Driveway Width 50' SC 52-50	24 Foot Loop	4x8ft loop pattern	6x6ft loop pattern		
28 Foot Loop	Augh au Guch				
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4x10ft or 6x8ft 14ft Driveway Width 12ft Driveway Width 50° SC 28-50 32 Foot Loop 4x12ft loop pattern 6x10ft loop pattern 20° SC 32-20 4x12ft or 6x10ft 16ft Driveway Width 50° SC 32-50 36 Foot Loop 20° SC 32-100 6x12ft 20° SC 36-20 40 Foot Loop 16ft Driveway Width 50° SC 36-50 6x14ft 100° SC 40-100 44 Foot Loop 20° SC 44-20 6x16ft 20° SC 44-20 50° SC 44-100 20° SC 44-100 50° SC 44-100 50° SC 52-20	28 Foot Loop	4x10ft loop pattern	6x8ft loop pattern		
32 Foot Loop 4x12ft loop pattern 16ft Driveway Width 36 Foot Loop 6x12ft 40 Foot Loop 6x14ft 44 Foot Loop 6x16ft 52 Foot Loop 20 SC 32-20 50 SC 32	4x10ft or 6x8ft	14ft Driveway Width	12ft Driveway Width		
4x12ft loop pattern 4x12ft or 6x10ft 16ft Driveway Width 100' SC 32-100 20' SC 36-20 100' SC 36-100 18ft Driveway Width 100' SC 40-50 100' SC 40-100 20' SC 44-20 20' SC 44-20 20' SC 44-20 20' SC 44-20 20' SC 52-20 24ft Driveway Width 50' SC 52-50		z ne o ne en e e	zeromena, maan		
4x12ft or 6x10ft 16ft Driveway Width 14ft Driveway Width 100′ SC 32-100 36 Foot Loop 20′ SC 36-20 16ft Driveway Width 50′ SC 36-50 6x12ft 100′ SC 36-100 100′ SC 36-100 40 Foot Loop 18ft Driveway Width 50′ SC 40-50 6x14ft 100′ SC 40-100 20′ SC 40-20 44 Foot Loop 20′ SC 44-20 50′ SC 44-50 6x16ft 100′ SC 44-100 20′ SC 52-20 52 Foot Loop 24ft Driveway Width 50′ SC 52-50	32 Foot Loop	4x12ft loop pattern	6x10ft loop pattern		
36 Foot Loop 6x12ft 16ft Driveway Width 50′ SC 36-20 100′ 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 50′ SC 44-20 20ft Driveway Width 50′ SC 44-100 20ft Driveway Width 50′ SC 52-20 24ft Driveway Width 50′ SC 52-50	4v12ft or 6v10ft	16ft Driveway Width	14ft Driveway Width		
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24ft Driveway Width 50' SC 52-50	F2 5				
5 206	52 Foot Loop		24ft Driveway Width		
	6x20ft			100'	SC 52-30

How to Read BD Loops
Part Numbers:

Type of Loop

SC = Saw-Cut
RL or EL = Direct Burial

24 - 50

SC

Lead-in Length (ft)

Loop Size Perimeter (ft)

In this example 24' (4x8' or 6x6').