

Botron B2118 Technical Data Sheet



Overview:

Botron's B2118 90° Coil Cords are designed for extended use and built to withstand the labors of the work environment. It can be used in many applications from bench to personal grounding. It's non-tangle and high retention coil make this a great choice for a hassle free path to ground. All 90 degree coil cords come with a built in 1meg Ohm 1/4 watt resistor at snap end. Available in lengths of 6' and 12' long.

Product Notes and Features

- 1) 7 Strand Tinsel Wire
- 2) Non-tangle, High Retention Cord
- 3) 1 MegOhm Built-In

PROPERTIES

SPECIFICATIONS

Material:	Black PVC cord
Barrel type:	Banana plug 90°
Wire:	7 strand tinsel wire
Strain relief:	@ banana and snap end
Resistor:	1meg Ohm 1/4 watt
Snap:	1/8" (4mm) or 1/4"
Clip:	Alligator
Length:	6' & 12'
Standards:	Meets S1.1 of 1 to 5lbs. breakaway force
Color:	Black



ESD APPLICATIONS

Our ESD safe coil cords are great for personal work station grounding, wrist straps and smocks, as well as portable grounding with the included alligator clip. The non-slip banana jack provides an excellent connection to both common point and bench grounds. Because of it's design the 90 degree coil cord is a perfect solution for wall mounted testers and test stations as well as areas that lack the space to accompany our standard coils.

INSTALLATION

1. Open the face of the wrist strap, sliding it over hand onto wrist.
2. Pull end of wrist strap tightly, close face of strap.
3. Attach coil cord, plug into continuous monitor or other recommended grounding devices.

TESTING GUIDELINES

To properly test your ESD Wrist Strap it is recommended that you apply an ESD lotion, B8008, to the wrist area prior to testing.

Fasten coil cord snap onto stud and insert the banana jack into the allocated area of the ESD tester.*

If you obtain a fail reading, please check your ESD Wrist Strap for wear as well as good skin contact. Retest after inspection. If the unit still fails, replace the ESD Wrist Strap Set.

Botron recommends testing ESD Wrist Straps with any of the following test equipment; B8201, B82251, B8525, B8506, B8203, B8202, B8211, B88000.

*Please note, it is recommended to read the testing guidelines provided with the ESD Tester you are using.

GROUNDING AND MOUNTING

Conductive woven band and solid metal plate design provide superior reliability to ground. ESD Grounds are available with a spring loaded 1/8" (4mm) socket connector. Attaches to ground via standard banana jack or alligator clip. Each cord comes with a slip on alligator clip that attaches to the banana jack for greater expansion of use.

PART NUMBERS

B2118 90 Degree Banana Std 6' coil 1/8" snap
B2112 90 Degree Banana Std 6' coil 1/4" snap