



## Flat Moulded Ground Cord

SCFE

### Description

Flat moulded ground cord is ideal for grounding floor mats. They are 3 metres long (10ft) supplied with a 1 meg-ohm resistor. Supplied with eyelet termination. Standard colour is black. Custom grounding products can be manufactured on request.

### Cord Construction And Material

The body housing shall contain a 10mm female snap on one end and a resistor joined in series with banana plug, moulded eyelet or crimped eyelet on the other end. The ground end of the cord is moulded with single nylon material (strain relief and body housing).

**Conductor:** Diameter is 2.5mm, with 7 tinsel wires

**Insulation:** Straight cord insulated with PU material

### Electrical Properties

The cord conductor shall have an end to end resistance of not greater than 50 ohms.

**Resistivity:** Snap to terminal end = 1 meg-ohm  $\pm$  20%.

### Bending Life Test

Exceeds 20,000 cycles of bending life test without any physical damage on the strain relief.



### Breakaway Force

1 to 5 lbs of pull away force is required to disconnect the snap in a normal disconnect direction.

### Connection Integrity

The tensile strength of the end connections shall be not less than 66% of the tensile strength of the wire, and in no case shall it be less than 5 lbs.

### Markings

With customer identification logo, resistance value, and date code.





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### Dimension

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Cord's length is available upon request.

### Hardware

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All metal parts shall show no evidence of corrosion and rust after 24 hours submersion to salt solution. Preferably made from stainless steel or brass alloy plated with nickel.

### Colour

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Available in black, other colors are available upon request.

### Plastic Parts

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Made of static dissipative nylon material.



*Important Notice: The information contained within this spec sheet is for guidance only. We make no warranties expressed or implied and assume no liability regarding any use of this information. Flat Moulded Ground Cord, February 24th 2020.*