

Flat Moulded Ground Cord

SCFE

Description

Flat moulded ground cords are ideal for grounding ESD floor mats. The cord is 3 metres long (10ft) and has a moulded-in male snap fastener with 1 meg-ohm resistor on one end. The flat moulded ground cord has two terminations including a 10mm snap and an eyelet terminal. Standard colour is black.



Key Features

- 3m long (10ft)
- All snaps have 1 meg-ohm safety resistor.
- Eyelet termination and moulded fixture with 10mm snap.
- Ideal for grounding ESD floor mats, providing extra protection to avoid disconnection.

Standards & Regulations Compliance

-  RoHS compliant
-  CE certified
-  REACH compliant
-  IEC-61340-5-1

Specification	Typical Values
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 is 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.
Hardware	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.
Markings	With identification logo, resistance value, and date code.
Colour	Available in black, other colours are available upon request.
Dimension	3 metres long (10ft)
Plastic Parts	Made of static dissipative nylon material.



Eliminate Costly Static Damage...

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no obligation advice by
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our technical experts
today.

