

Premium Straight Grounding Cords

SCS/J/E10

Description

A range of high quality straight grounding cords that provides a strong connection to ground. Premium, durable ESD grounding cords ensure a path to ground when used with an Earth Bonding Point and ESD wrist strap. These cords are essential when handling static sensitive electronic components or assembling parts in an EPA. Straight leads are 3 meters (10ft) long as standard. All female snaps have a 1 meg-ohm safety resistor. Standard colour is light blue.

Premium Straight Grounding Cords are available in three options: snap both ends, snap to jack or snap to moulded eyelet. The body housing of the cord contains a female snap in any sizes of 4mm, 7mm and 10mm, with or without a resistor, joined in series to the conductor with a ribbed banana plug, moulded eyelet, or another snap on the other end. The ground end of the cord possesses a PU strain relief assembly with PP encapsulated body housing. The cord is insulated with PU material. The plastic parts of the coil cord are made with static-dissipative plastic material. Premium straight grounding cords have been manufactured to the highest quality with dual mouldings exceeding 20,000 cycles of bending life test without any physical damage on the strain relief.



Standards & Regulations



RoHS compliant



REACH compliant



CE certified



IEC-61340-5-1 compliant

Key Features

- 3m long (10ft).
- Standard colour is light blue.
- All female snaps have a 1 meg ohm safety resistor.
- Premium cord, exceeding 20,000 cycles of bending life test.
- Standard cords with dual moulding on terminations for maximum strain relief.
- Available in three options: snap both ends, snap to jack or snap to moulded eyelet.
- Must be used in combination with an Earth Bonding Point and ESD wrist strap to ensure operator is grounded.
- Breakaway Force: 1 to 5 lbs. Of pull away force is required to disconnect the snap in a normal disconnect direction.
- Custom configurations and colours available on request.

Bespoke Straight Grounding Cords





Our premium straight grounding cords can include either a 4mm, 7mm or 10mm stud. Custom colours including dark blue, black, yellow and light blue are available on request. Please contact our sales team on **+44 (0)1793 511000** or email us at **sales@bondline.co.uk** if you would like to enquire about our bespoke cords.



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Technical Specification	Typical Values
Cord Construction & Material	<p>The body housing shall contain Ø4mm, 7mm, 10mm female snap, with or without resistor joined in series to the conductor with ribbed banana plug, moulded eyelet, or another snap on the other end. The ground end of the cord will possess PU strain relief assembly with PP encapsulated body housing.</p> <p>Conductor: Diameter is 2.5mm, with 7 tinsel wires. Insulation: Straight cord is insulated with PU material.</p>
Electrical Properties	<p>The cord conductor shall have an end to end resistance not greater than 50 ohms. Resistivity: Current limiting resistance = 1 meg ohm ± 20% .</p>
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 customer identification logo, resistance value, and date code.
Colour	Available in black, blue, dark blue, grey, and yellow colour. (Standard is blue)
Plastic Parts	Made of static dissipative plastic material

Part Code	Description	
SCE10	Blue cord, 3m long, 10mm snap to moulded eyelet for permanent fixing	
SCJ10	Blue cord, 3m long, 10mm snap to jack / croc clip	
SCS10	Blue cord, 3m long, 10mm snap both ends	
SCS10Y	Yellow cord, 3m long, 10mm snap both ends	



Eliminate Costly Static Damage...

Whether you are experiencing unacceptable levels of damage in transit, need a specific cleanroom solution or simply don't know which ESD safe equipment is best for you, we can help!

Request complimentary,
no obligation advice by
speaking with one of
our technical experts
today.

