

# ESD Link Cord

SCS10/9

## Description

A high-quality, short straight cord used for connecting adjacent ESD bench mats on a workstation by linking to the 10mm studs on the corner of each mat. The link cord can also be used wherever a short grounding cord option is required, for example, from a bench mat to an Earth Bonding Point. Our ESD link cord is unique as it is made with double thickness to provide outer layer insulation for complete operator safety. The bench mat link cord is manufactured with strong cable strain reliefs and a 1 Meg-Ohm safety resistor fitted at each 10mm snap connector. The ESD link cord is light blue as standard.

ESD link 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. Custom configurations and colours available on enquiry. All premium products can be supplied with 7mm or 4mm snap / stud sizes on request.



## Key Features

- Dual moulding on terminations for maximum strain relief.
- Short lead, measuring 230mm (9") long.
- 10mm snap to 10mm snap connections.
- All snaps have a 1 meg ohm safety resistor fitted at each end.
- Connects ESD bench mats together and to connect mats to Earth Bonding Point plugs.
- Standard colour is light blue.
- Exceeds 20,000 cycles of bending life test.
- Breakaway Force: 1 to 5 lbs. Of pull away force is required to disconnect the snap in a normal disconnect direction.
- Customisation available on request.

## Standards & Regulations

 RoHS compliant

 CE certified



REACH compliant



IEC-61340-5-1 compliant



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Technical Specification	Typical Values
Cord Construction and 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><b>Conductor:</b> Diameter is 2.5mm, with 7 tinsel wires.  <b>Insulation:</b> Link 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.  <b>Resistivity:</b> Current limiting resistance = 1 meg ohm <math>\pm</math> 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 5lbs 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.
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.
Plastic Parts	Made of static dissipative plastic material.
Markings	With identification logo, resistance value, and date code.
Colour	Available in light blue.



# 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.

