

Premium ESD Coil Cord

CCS/J

Description

Premium ESD coil cord from Bondline provides a strong connection to ground. This cord can be stretched and recoiled back to its original length, helping to keep a clear working area for efficiency and comfort. Our premium ESD coil cord is unique as it is double thickness to provide outer layer insulation for complete operator safety. Used for ESD wrist strap and ESD bench matting connecting to Earth Bonding Plugs and Earth Bonding Points. The body housing of the coil 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 ordinary banana plug of another snap on the other end. The ground end of the cord is moulded with a single nylon material (strain relief / body housing). The coil cord is insulated with PU material. The plastic parts of the coil cord are made with anti-static nylon materials. Premium ESD coil cord has 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. All snaps have a 1 meg-ohm safety resistor. Standard colour is light blue. Custom configurations and colours available on request.



Standards & Regulations



RoHS compliant



REACH compliant



CE certified



IEC-61340-5-1 compliant

Key Features

- Dual moulding on terminations for maximum strain relief.
- Stretches and recoils back to original length.
- All snaps have 1 meg ohm safety resistor.
- Durable and long lasting.
- Polyurethane (PU) insulated.
- 10mm female snaps as standard.
- Cord is available in 6ft and 12ft (6ft standard).
- Must be used in combination with an Earth Bonding Point and anti-static wrist strap to ensure operator is grounded.
- Manufactured to the highest quality with dual mouldings exceeding 20,000 cycles of bending life test without any physical damage on the strain relief.

Bespoke ESD Coil Cords






Our premium ESD coil 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 coil cords.



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Technical Specification	Typical Values
Cord Construction & Material	The body housing shall contain a female snap in any sizes of 4mm, 7mm and 10mm, with or without resistor, joined in series to the conductor with ordinary banana plug of another snap on the other end. The ground end of the cord is moulded with single nylon material (strain relief/body housing). Conductor: Diameter is 2.5mm with 7 tinsel wires. Insulation: Coil cord is insulated with PU material.
Electrical Properties	The cord conductor shall have an end to end resistance not greater than 50 ohms. Resistivity: current limiting resistance = 1 meg ohm + 20%.
Breakaway Force	1 to 5lbs of pull away force is required to disconnect the snap in a normal disconnect direction.
Ground Lead Extend-ability	Cord should return back to at least 85% of its original length in less than 10 minutes after hanging for 24 hours, with 1KG weight on the other end.
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	Anti-static nylon materials.
Markings and Colour	With logo and resistance value. Blue as standard.

Part Code	Description	
CCJ10	Light blue cord, 1.8 metres long (6ft), stud-to-jack with crocodile clip	
CCJ1012	Light blue cord, 3.6 metres long (12ft), stud-to-jack with crocodile clip	
CCS10	Light blue cord, 1.8 metres long (6ft), stud-to-stud	
CCS1012	Light blue cord, 3.6 metres long (12ft), stud-to-stud	
CCS10Y	Yellow cord, 1.8 metres long (6ft), stud-to-stud	



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.

