



Straight Ground Cord

CPGVJ

Description

A high-quality anti-static grounding cord for ESD applications; providing a strong connection to the ground. This 15ft (4.5 metre) ground cord has a 10mm snap at one end and a 10mm snap and 2 banana sockets at the other end.

Cord Construction And Material

The body housing shall have a combination of 10mm male snap, 7mm female snap, and 10mm female snap with one meg ohm resistor joined in series with 2pcs banana receptacle on one end, and a moulded eyelet on the other end. The ground ends of the cord shall have a PU strain relief assembly with nylon encapsulated body.

Conductor: Diameter is 2.5mm, with 7 tinsel wire.

Insulation: Straight cord insulated with PU material. The cord conductor shall have an end to end resistance of not greater than 50 ohms.

Electrical Properties

Resistance: ground connector (banana plug/eyelet) to snap = 1Mohm \pm 20%.
ground connector to terminal end (receptacle) = 1Mohm \pm 20%
snap to terminal end = 1Mohm \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.





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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.

Colour

Standard is black, other colours are available upon request.

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.



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. Straight Ground Cord, February 13th 2020.