

Common Point Ground Wire



Specifications:

Cord Construction and Material

The body housing shall have a combination of 10 mm male snap, 10 mm female snap and banana receptacle with one mega ohm resistor joined in series while the other end is 10 mm female snap. The ground ends of the cord shall have a nylon single material moulding for both moulded body and strain relief

Conductor : Diameter is 2.5 mm, 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 snap = 1 meg ohm $\pm 20\%$

Snap to receptacle = 1 meg ohm $\pm 20\%$

Snap combination to receptacle = 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

Colour

Straight cord available in yellow colour, moulded ends and chips in PMS340 green colour

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

Plastic Parts

Made of antistatic nylon material

Part Number Table

Description	Part Number
Common Point Ground Wire, 4.5 M, 1 M ohm	28500

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