

Grounding Connection Cord



Specifications:

Cord construction and material

The body housing shall contain a 10 mm female snap with 1 meg ohm resistor, joined in series to the conductor with another 10 mm female snap on the other end without resistor. The ground end of the cord is moulded with single nylon material (strain relief / body housing)

Conductor : Diameter is 2.5 mm with 7 tinsel wires

Insulation : Straight cord is insulated with polyurethane material

Electrical Properties

The cord conductor shall have an end to end resistance not greater than 50 ohms

Resistivity : Current limiting resistance = 2 meg ohms $\pm 20\%$

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

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

Moulded Ends and Chips

Made of antistatic nylon material

Part Number Table

Description	Part Number
Grounding Connect. Cord, 180 mm, 1 M ohm	28501

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