

# Connecting Cord with Wire



## Specifications:

### Cord Construction and Material

The body housing shall contain a female snap without resistor joined in series to the conductor with another female snap 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

### 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

Three inches straight cord in yellow colour. Chips in PMS356 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
Connecting Cord with Wire, 115 mm	28502

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