

# Grounding Cords

We manufacture a comprehensive range of straight and coiled cords. All socket-type terminations are injection moulded and all contain as standard a 0.5 watt 1.0 megohm +/-5% resistor. This ensures that a resistor is always in closest proximity to the grounded item as is specified in EN 100 015-1. Banana plug terminations are also injection moulded but do not contain a resistor. A strain-relief is built in at all terminations. We recommend the use of cords with a socket each end as it is the potentially safer termination. The cords can withstand a DC voltage of 500 volts for at least six minutes. Each cord is marked with a lot and date code.

**Note:** If you need additional protection against exposed high voltages we manufacture cords with greater in-built electrical resistance. Also, other terminations such as 7mm sockets, bulldog clips or spade terminals can be made.

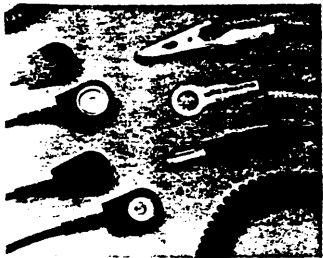
## Standard Coiled Cord

The cord is made of single core seven ends duplex tinsel PU insulated in black. It is available in two lengths - 250mm unextended/2m extended and 325mm unextended/3m extended both with 50 to 100mm straight tails. Weight of the shorter cord is approx. 30g whilst the longer is 40g. The end-to-end resistance of a complete cord is 1MΩ ±5% for cords with one socket and one banana plug and 2MΩ ±5% for cords with two sockets. Listed below are the most popular terminations. Many others are available to order.



- Top:  
3m Standard Cord J4319
- Middle:  
2m Standard Cord J4222
- Bottom:  
2m Light Cord J4511

	2m Cord		3m Cord	
TERMINATIONS	4mm socket	10mm socket	4mm socket	10mm socket
4mm plug	J4211	J4221	J4311	J4321
4mm socket	J4210	J4224	J4310	J4324
10mm socket	J4224	J4222	J4324	J4322



Popular Cord Terminations

## Light Weight Coiled Cord

The lighter weight of this cord is welcomed by some operatives who find that it tugs less at the wrist and reduces fatigue. Its construction, comprising seven ends simple tinned copper tinsel, single sheath PVC insulated reduces overall weight (at 13g) by over 50% compared with the standard cord.

End-to-end resistance is between 0.9 megohm and 1.1 megohm. The resistor has a power rating of 0.25 watt. It will withstand 500 volts DC for six minutes. The working length is 1.8m maximum. Length at rest is approx. 190mm plus tails of 90mm each.

	Code	Unit
Light weight cord with 4mm socket/4mm banana plug	J4511	