

RADI range of tinned copper pin connectors are developed with the purpose for easy termination of wires and cables to terminal and contact blocks. This product is manufactured from electrolytic copper, rolled, tin plated and brazed. The high quality and high conductive copper material ensure excellent conductivity and contact.

The insulation material of the insulated pin is made from nylon material with high temperature tolerance. The funnel flare shape design at the end of the insulation sleeve provides easy and complete entry for both solid and stranded conductors.

General Properties

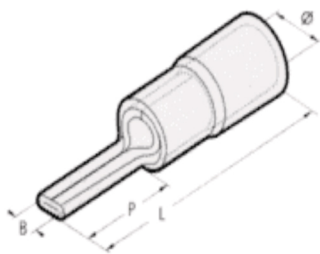
Electrical Properties

Total Conductivity:	97.25% IACS
Total resistivity:	0.0172 ohms/mm ²
Electroplating	
Tin material:	99%
Other materials:	Lead and antimony
Thickness:	5 to 10 micron

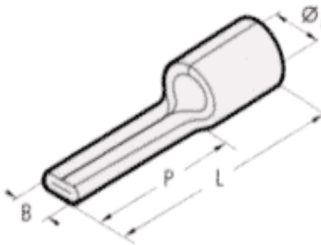
Conductive Material as per BS12449

Copper Purity:	99.9%
Tensile strength:	23kg/mm ²
Final metal state:	Fully annealed
Operating temperature	
Un-insulated Pin:	-55 to 125 deg C
Nylon Insulated Pin:	-55 to 95 deg C

Product Dimensions



Insulated Pin



Un-insulated Pin

Part Number	Conductor Size	Dimensions In mm				Standard Pack	Remarks
		Ø	B	P	L		
RADI10-IP	10mmsq	8.0	4.3	14.5	35.1	100 pcs	Nylon Insulated
RADI-16-IP	16mmsq	9.2	5.5	18.0	41.1	100 pcs	Nylon Insulated
RADI-25-IP	25mmsq	11.1	6.8	20.3	45.0	100 pcs	Nylon Insulated
RADI-35-IP	35mmsq	13.6	8.0	24.5	55.0	100 pcs	Nylon Insulated
RADI-10-P	10mmsq	4.8	4.3	14.5	23.5	100 pcs	Un-insulated
RADI-16-P	16mmsq	5.9	5.5	18.0	28.0	100 pcs	Un-insulated
RADI-25-P	25mmsq	7.0	7.0	20.3	32.0	100 pcs	Un-insulated
RADI-35-P	35mmsq	8.9	8.0	24.5	39.0	100 pcs	Un-insulated
RADI-50-P	50mmsq	10.0	9.5	26.0	45.0	100 pcs	Un-insulated
RADI-70-p	70mmsq	11.5	11.0	31.0	55.0	100 pcs	Un-insulated

The above products' dimensions are for reference and information. The manufacturer reserves the rights to make changes to the products' dimensions as they see fit, without prior notice. Please check with our technical office or your local distributors when in doubts.