

# Non-Irradiated PVC Jumper Wire

(Suitable for railway applications)

Tinned Annealed Copper Wire / Polyvinyl Chloride Insulation  
Internal Jumper Wire (Complies with Specification CW1423NR)

## Application

This product is robust PVC insulated tinned copper annealed wire, available as a twisted pair. It is designed primarily for jumpering or hook up on distribution frames within harsh environments and may also be used as a general equipment wire within cabinets and exchange equipment.

## Product Description



### Conductors

Tinned annealed solid copper wire, 0.5mm nominal diameter.  
Compliant with IEC Publication 189-1, Clause 3.3.

### Insulation

PVC insulation, nominal diameter 1.08mm.

### Colours

As required, to BS 6746C

## Electrical Properties

### Conductor Resistance

98Ω/km Maximum.

### Insulation Resistance

Insulation resistance measurements shall be made with not less than 500 volts D.C. After steady electrification for one minute the insulation resistance measured between each conductor and the remaining conductors connected together shall be not less than 50 MΩ when measured over a length of 1000 metres at 20°C.

## Solder Bath

The product meets the requirements of IEC Publication 189-1 Clause 4.7.

## Flammability

Oxygen index of greater than 26% by volume.

## Colour Scheme

Item	a-leg	b-leg	Twin Lay Length
9541NR	BLUE with Black Bands	YELLOW with Black Bands	50mm
9557 NR	RED with Black Bands	WHITE with Black Bands	50mm

## Supply Details

Item	Form of Supply	Weight per Pack (kg)	Weight (kg per km)
Twin	200m cardboard reel	1.5	5.50
Twin	500m cardboard reel or coil	2.75	5.50