

# Jumper Wire, 1 PR, 0.5mm & PVC Insulation

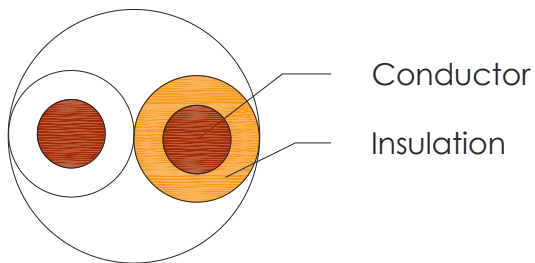


**CI 4033**

## Applications

Join between two terminal blocks.

## Cross Section Drawing



## Design

Unit	Properties
Conductor	Solid Bare Copper wire
Insulation	Polyvinyl Chloride (PVC) Core 1: White Core 2: Orange
Twist	Two cores twisted together as a pair
Standard Put Up Length	305 meters

\*Other Colors, Put Up Lengths and structures can be manufactured upon request, please contact your local B3 International sales representative.

# Jumper Wire, 1 PR, 0.5mm & PVC Insulation



**C14033**

## Physical Characteristics

Part Number	C14033
No of Pairs	1
Conductor Gauge (AWG)	24
Nom. Radial Thickness Insulation(mm)	0.30
Nom. Insulation Diameter (mm)	1.10
Operating Temperature (°C)	-10 to +60

## Electrical Characteristics at 20°C

Part Number	C14033
Max. DC Resistance Conductor ( $\Omega$ /km)	95
Max. Loop Resistance ( $\Omega$ /km)	192
Max. Resistance Unbalance (%)	5
Min. Insulation Resistance DC 500V/1min. ( $\Omega$ /km)	750
Min. Mutual Capacitance (nF/km)	120

## Mechanical Characteristics

Part Number	C14033
Min. Conductor Breaking Elongation Rate (%)	15
Min. Conductor Tensile Force (N)	40
Min. Insulation Tensile Force (N)	8
Min. Insulation Breaking Elongation Rate (%)	85
Min. Tensile force of insulation and conductor (N)	50

## Reference Standards

(BS) EN 50290-2	IEC 60332-1
IEC 60228	RoHS directives