

Drop Wire, 1 PR, 0.5mm & PVC Sheath

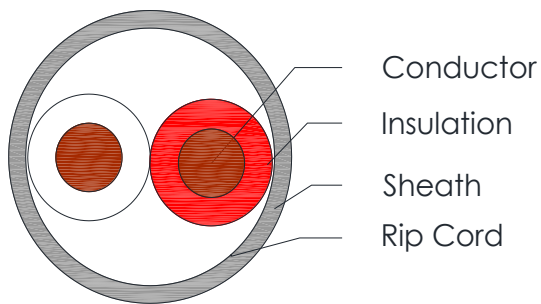


CI 4032

Applications

Join from distribution box to subscriber.

Cross Section Drawing



Design

Unit	Properties
Conductor	Solid Bare Copper wire
Insulation	Polyvinyl Chloride (PVC) Core 1: White Core 2: Red
Twist	Two cores twisted together as a pair
Rip cord	Nylon yarn
Sheath	Flame-Retardant Polyvinyl Chloride (PVC) Standard colour: Grey
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.

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C14032

Physical Characteristics

Part Number	C14032
No of Pairs	1
Nom. Diameter Conductor(mm)	0.50
Nom. Radial Thickness Insulation(mm)	0.30
Nom. Insulation Diameter (mm)	1.10
Nom. Radial Thickness Sheath(mm)	0.50
Nom. Overall Diameter(mm)	3.00
Operating Temperature (°C)	-10 to +60

Electrical Characteristics at 20°C

Part Number	C14032
Max. DC Resistance Conductor (Ω /km)	95
Max. Loop Resistance (Ω /km)	192
Max. Resistance Unbalance (%)	5
Min. Insulation Resistance DC 500V/1min. (Ω /km)	750
Min. Mutual Capacitance (nF/km)	120

Mechanical Characteristics

Part Number	C14032
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
Min. PVC Jacket Tensile Force (N)	60
Min. PVC Jacket Elongation Before Aging (%)	150
Aging condition	100 \pm 2°C, 240h
Min. Rip Cord Tensile Force (N)	95

Reference Standards

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