

# Fire alarm and Control Outdoor Cable, 2C, 16-14AWG, PE Sheath

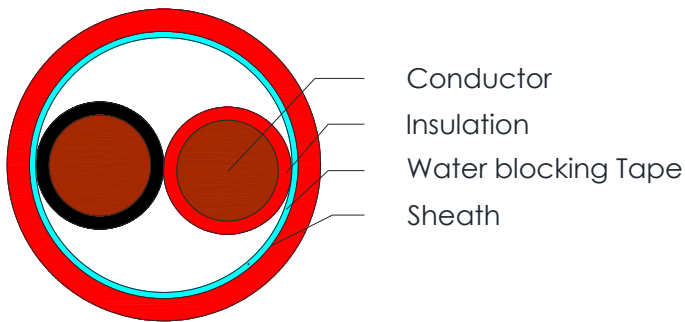


C4666, C4667

## Applications

Fire alarm and control cable that can be used in outdoor applications

## Cross Section Drawing



## Design

Unit	Properties
Conductor	Solid Bare Copper wire
Insulation	Polyvinyl Chloride (PVC) Core 1: Black Core 2: Red
Cabling	Two cores twisted together
Tape	Water blocking tape
Sheath	LDPE Standard colour: Red
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

# Fire alarm and Control Outdoor Cable, 2C, 16-14AWG, PE Sheath



**C4666, C4667**

## Physical Characteristics

Part Number	C4666	C4667
No of Cores	2	2
Conductor Size (AWG)	16	14
Nom. Radial Insulation Diameter(mm)	1.80	2.13
Nom. Radial Thickness of Water blocking tape(mm)	0.30	
Nom. Radial Thickness Sheath(mm)	0.5	0.5
Nom. Overall Diameter(mm)	5.30	6.00
Operating Temperature (°C)	-25 to +75	
Min. Bend Radius (install)(mm)	53	60
Nominal Cable Weight (kg/km)	46.5	64.6

## Electrical Characteristics at 20°C

Part Number	C4666	C4667
No of Cores	2	2
Max. DC Resistance Conductor ( $\Omega$ /km)	15.47	9.36
Nom. Capacitance core to core (pF/m)	65	75
Max. Operating Voltage (Vrms)	300	

## Reference Standards

(BS) EN 50290-2
IEC 60228
RoHS directives