

Security & Alarm Cable, 2C-4C, 18AWG, Unscreened & Riser- CMR PVC Sheath

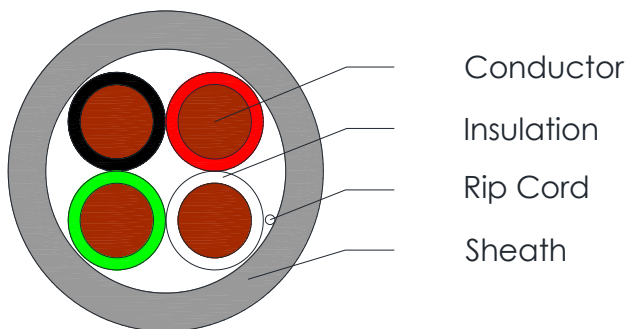


C4011, C4012, C4013

Applications

Addressable Fire System, Data Circuits, Monitor/Detection, Control Circuits, Initiating Circuits, Notification Circuits.

Cross Section Drawing



Design

Unit	Properties
Conductor	Solid Bare Copper wire
Insulation	Polypropylene Core 1: Black Core 2: Red Core 3: White Core 4: Green
Rip cord	Nylon yarn
Sheath	Riser-CMR Rated 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.

**Security & Alarm Cable,
2C-4C, 18AWG, Unscreened & Riser- CMR PVC
Sheath**



C4011, C4012, C4013

Physical Characteristics

Part Number	C4011	C4012	C4013
No of cores x 18AWG	2	3	4
Nom. Diameter Conductor(mm)	1.02		
Nom. Radial Thickness Insulation(mm)	0.18		
Nom. Radial Thickness Sheath(mm)	0.58		
Nom. Overall Diameter(mm)	4.0	4.2	4.6
Operating Temperature (°C)	-20 to +75		
Max. Recommended Pulling Tension (N)	174	305	349
Min. Bend Radius (install)(mm)	40	42	46
Nominal Cable Weight (kg/km)	23	32	42

Electrical Characteristics at 20°C

Part Number	C4011	C4012	C4013
No of cores x 18AWG	2	3	4
Max. DC Resistance Conductor (Ω /km)	22.7		
Capacitance conductor to conductor (pF/m)	75	75	72
Max. Recommended Current at 25°C (Amps)	5.0	5.0	4.0
Max. Operating Voltage (Vrms)	300		

Reference Standards

(BS) EN 50290-2
IEC 60228
UL 1666 CMR
RoHS directives