

Security & Alarm Cable, 4C, 18AWG Unscreened & CMP PVC Sheath

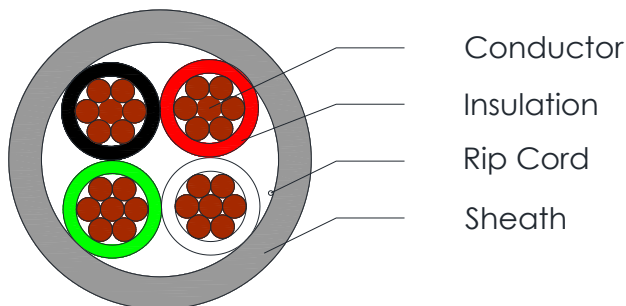


C8419

Applications

Security & Alarm Cable, Commercial Applications

Cross Section Drawing



Design

Unit	Properties
Conductor	Bare Copper wire
Insulation	PVC Core 1: Black, Core 2: Red Core 3: White, Core 4: Green
Cabling	Four cores twisted together
Rip cord	Nylon yarn
Sheath	CMP 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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Physical Characteristics

Part Number	C8419
No of Cores	4
Conductor Size (AWG)	18 (7 x 26)
Nom. Diameter Conductor(mm)	1.2
Nom. Insulation Diameter(mm)	2.0
Nom. Radial Thickness Sheath(mm)	0.4
Nom. Overall Diameter(mm)	6.00
Operating Temperature (°C)	-25 to +75
Max. Recommended Pulling Tension (N)	400
Min. Bend Radius (install)(mm)	60
Nominal Cable Weight (kg/km)	52

Electrical Characteristics at 20°C

Part Number	C8419
No of Cores	4
Max. DC Resistance Conductor (Ω /km)	22.7
Capacitance conductor to conductor (pF/m)	110
Max. Recommended Current at 25°C (Amps)	4
Max. Operating Voltage (Vrms)	300

Reference Standards

(BS) EN 50290-2
IEC 60228
NFPA 262 UL910
RoHS directives