

# Four core 300V Cables

## 2.5sqmm, Unscreened, PVC Sheath

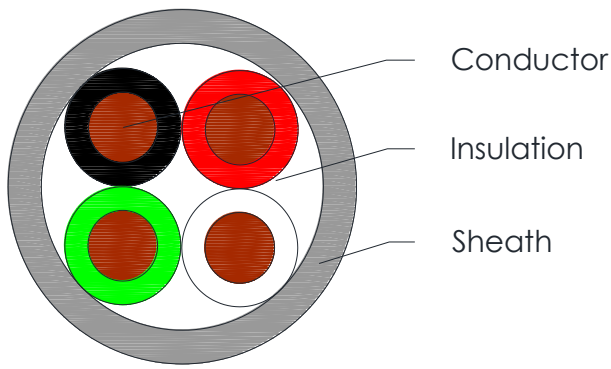


C4382, C4383

### Applications

Unscreened four core cable for Building and Industrial Management Systems

### Cross Section Drawing



### Design

Unit	Properties
Conductor	Solid or Flexible Bare Copper wire
Insulation	PVC Core 1: Black Core 2: Red Core 3: White Core 4: Green
Sheath Material	PVC Standard Colour: Grey
Standard Put Up Length	305 and 500 metres

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

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**C4382, C4383**

### Physical Characteristics

Part Number	C4382	C4383
No of cores x cross section in sqmm (mm <sup>2</sup> )	4 x 2.5	
Nom. Diameter Conductor (mm)	1 x 1.8	7 x 0.67
Nom. Radial Thickness Insulation (mm)	0.6	
Nom. Overall Diameter (mm)	8.9	9.4
Cable weight (kg/km)	145	149
Operating Temperature (°C)	-20 to +75	
Minimum bending radius (mm)	89	94
Flame Retardancy	IEC 60332-1	

### Electrical Characteristics at 20°C

Part Number	C4382	C4383
Max. DC Resistance Conductor (Ω/km)	7.41	
Nom. Capacitance conductor to conductor (pF/m)	78	
Min. Insulation Resistance (MΩ*km)	200	
Max. Operating Voltage (Vrms)	300	

### Reference Standards

IEC 60228	RoHS Directives
IEC 60332-1	