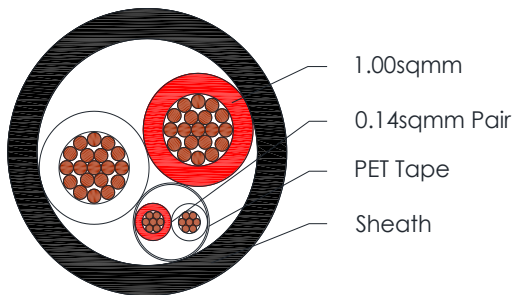


**C5837**

## Applications

Media, Automation and Lighting Control Cable.

## Cross Section Drawing



## Design

Component	Unit	Properties
1	Conductor	Bare stranded copper wire
	Insulation	Halogen-Free, Flame Retardant (HFFR/LSZH) Colour: Red, White
	Wrapping Tape	PET Tape
2	Conductor	Bare stranded copper wire
	Insulation	Halogen-Free, Flame Retardant (HFFR/LSZH) Colour: Red, White
Sheath		UV resistant Halogen-Free, Flame Retardant (HFFR/LSZH) Standard Colour: Black
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.

## C5837

### Physical Characteristics

Part Number	C5837		
	1	2	Overall
Component No.	1	2	Overall
Core No.	2	2	-
Nom. Conductor Size (mm <sup>2</sup> )	0.14	1.0	-
Nom. Overall Diameter (mm)	-	-	6.10
Min. Bending radius (mm)	-	-	61
Nom. Cable Weight (kg/km)	-	-	54
Operating Temperature Range (°C)	-	-	-10 to +70
Storage Temperature Range (°C)	-	-	-30 to +70

### Electrical Characteristics at 20°C

Conductor Size (mm <sup>2</sup> )	Nom. Conductor Resistance (Ohm/km)	Impedance (Ohm)	Operating Voltage (Vrms)
0.14	135	110	50
1.0	19.5	-	50

### Reference Standards

(BS)EN 50290-2
IEC 60228
IEC 60332-3-24, IEC 61034
IEC 60754-1 & 2
RoHS directives