

# Heat Resisting PVC insulated and PVC Sheathed Flexible Cords

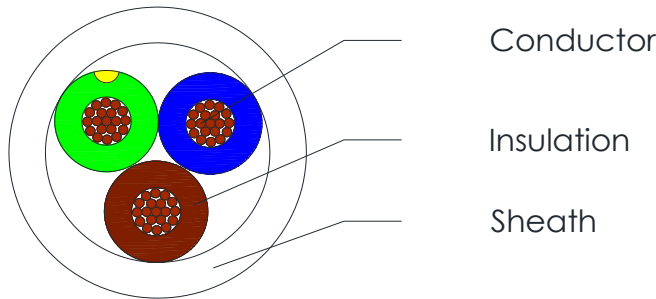


**C4858, C4859, C4860, C4861, C4862, C4863**

## Applications

General purpose indoors or outdoors in dry or damp situations. Suitable for portable tools immersion heaters. Washing machines, lawn mowers, refrigerators, especially in higher temperature zones.

## Cross Section Drawing



## Design

Unit	Properties
Conductor	Bare Copper wire, flexible Class 5
Insulation	Heating Resisting PVC Three core: Green/Yellow, Blue and Brown
Cabling	Cores laid up
Sheath Material	Heating Resisting PVC Standard colour: White
Standard Put Up Length	305 or 500 meters

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

## Physical Characteristics

Part Number	C4858	C4859	C4860	C4861	C4862	C4863
Conductor Size (mm <sup>2</sup> )	0.5	0.75	1.0	1.25	1.5	2.5
Number of Cores	3					
Nom. Radial Thickness Insulation (mm)	0.60	0.60	0.60	0.70	0.70	0.80
Nom. Radial Thickness Sheath (mm)	0.8	0.80	0.80	0.90	0.90	1.10
Nom. Overall Diameter (mm)	6.4	7.2	7.6	8.5	17.8	10.8
Operating Temperature (°C)	0 / +90					
Nominal Cable Weight (kg/km)	56	61	77	95	108	165

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## Electrical Characteristics

Part Number	C4858	C4859	C4860	C4861	C4862	C4863
Conductor Size (mm <sup>2</sup> )	0.5	0.75	1.0	1.25	1.5	2.5
Max. DC Resistance Conductor ( $\Omega$ /km)	39.0	26.0	19.5	5.6	13.3	7.98
Max. Recom. Current @ 25°C (Amps)	3	6	10	13	16	25
Max. Operating Voltage (Vrms)	300/500					

## Reference Standards

(BS)EN 50290-2
IEC 60228
IEC 60332-1
BS 6141
RoHS directives