

Silicone Rubber Single Core Cable

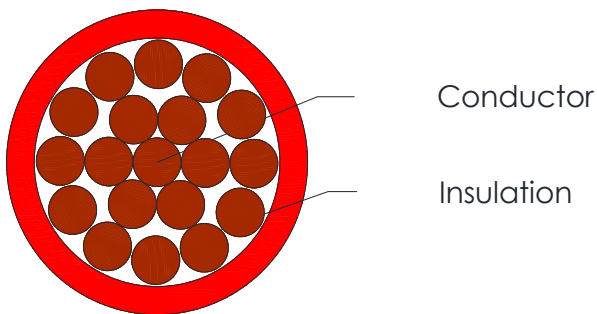


C6131, C6132, C6133, C6134, C6135, C6136, C6137, C6138, C6139

Applications

Flexible single core silicone rubber insulated cable, sheathless, for internal wiring and for general use.

Cross Section Drawing



Design

Unit	Properties
Conductor	Stranded Tinned Copper wire, Class 5
Sheath Material	Silicone Rubber Colour: Red
Standard Put Up Length	100 or 500 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	C6131	C6132	C6133	C6134	C6135	C6136	C6137	C6138	C6139
Cross section (mm ²)	0.5	0.75	1.0	1.5	2.5	4.0	6.0	10.0	16.0
Nom. Overall Diameter (mm)	2.1	2.3	2.5	2.8	3.5	4.1	4.7	6.1	7.5
Operating Temperature (°C)	-60 to +180								
Max. temp. of short circuit (°C)	350 on the conductor								
Nominal Cable Weight (kg/km)	10	13	15	21	34	49	68	110	168
Min Bending Radius (mm)	8.4	9.2	10	11.2	14	16.4	18.8	24.4	30

Electrical Characteristics (at 20°C)

Part Number	C6131	C6132	C6133	C6134	C6135	C6136	C6137	C6138	C6139
Cross section (mm ²)	0.5	0.75	1.0	1.5	2.5	4.0	6.0	10.0	16.0
Max. DC Resistance Conductor (Ω /km)	40.1	26.7	20.0	13.7	8.21	5.09	3.39	1.95	1.24
Max. Operating Voltage (Vrms)	300/500			450/750					

Reference Standards

EN 60228
RoHS Directives