

SiHF Silicone Multicore Cable, Silicone Rubber Insulation and Sheath

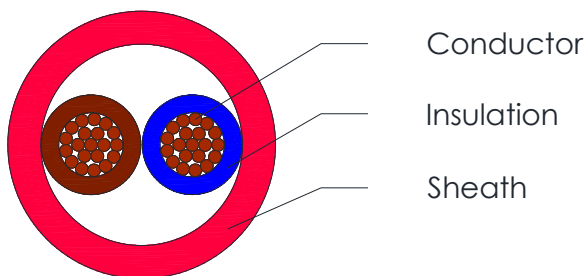


C6010 TO C6037

Applications

Ideal for applications in environments where temperatures are either high or low, these cables work between -60°C to +180°C.

Cross Section Drawing



Design

Unit	Properties
Conductor	Bare Copper wire, Class5
Insulation	Silicone Rubber 2core – Brown, Blue 3core – Brown, Blue, Green/Yellow 4core – Brown, Black, Grey, Green/Yellow 5core – Brown, Black, Grey, Blue, Green/Yellow 7 cores above – Black Cores with White Numbers + Green/Yellow
Sheath	Silicone Rubber Standard colour: Red or White
Standard Put Up Length	100 & 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

P/N	Number of Cores	Conductor Construction (sq mm)	Overall Diameter (mm)	Nom. Weight (kg/km)
C6010	2	0.75	6.3	60
C6011	3	0.75	6.8	71
C6012	4	0.75	7.7	91
C6013	5	0.75	8.5	114
C6014	7	0.75	9.2	139
C6015	2	1.00	6.6	67
C6016	3	1.00	7.0	81
C6017	4	1.00	8.0	104
C6018	5	1.00	9.0	130
C6019	7	1.00	9.8	161
C6020	2	1.50	7.6	92
C6021	3	1.50	8.0	111
C6022	4	1.50	9.0	137
C6023	5	1.50	9.7	167
C6024	7	1.50	10.5	208
C6025	12	1.50	14.1	371
C6026	2	2.50	8.8	174
C6027	3	2.50	9.7	214
C6028	4	2.50	10.6	263
C6029	5	2.50	11.8	317
C6030	7	2.50	12.7	588
C6031	3	4.00	12.8	308
C6032	4	4.00	13.8	369
C6033	5	4.00	15.3	472
C6034	3	6.00	14.5	418
C6035	4	6.00	15.8	525
C6036	5	6.00	17.9	654
C6037	4	10.00	20.8	711

Min. Bend Radius		Temperature Rating (°C)	Short-Term Temperature (°C)
Dynamic 10×OD	Static 5×OD	-60 to +180	200

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Electrical Characteristics at 20°C

Conductor Size (sqmm)	Max. DCR (Ohm/km)	Voltage Rating (V)	Test Voltage (Vac)
0.75	26.0	300/500	2000
1.00	19.5	300/500	2000
1.50	13.3	300/500	2000
2.50	7.98	300/500	2000
4.00	4.95	300/500	2000
6.00	3.30	300/500	2000

Reference Standards

(BS) EN 50290-2
IEC 60228
IEC 60332-1-2
EN 60754-1&-2
RoHS directives