



SIWO-KUL B Cable 1.1KV BS6195

Applications:	Suitable where high flexibility is required and high temperature conditions exist. Connection cable for machines, motors and generators.
Conductors:	Tinned flexible copper to IEC60228 Class 5
Tape:	Silicone rubber insulated separator tape(up to 16sqmm)
Braid:	Protective synthetic yarn braiding
Sheath/Jacket:	Varnished PUR sheath
Colour:	Yellow
Voltage:	1.1 kV
Temperature:	-60 to +180°C
Min bending radius:	5 x overall diameter
Designation:	SI Insulation W Temperature resistance O Oil resistance K Protective braid UL Varnish coating
Standards:	Fire Endurance: Test according to IEC60331 and VDE 0472 part 814, at rated voltage, show a function time of at least 30 minutes Fire Propagation: IEC60332-3, IEEE 383 Rail car wiring approval: French specification: NFF16.101, BF1 approved Dielectric Strength: UIC 895, BS6195 Type 5, voltage categories C, D, E and F Type Approvals: Lloyds Register & Bureau Veritas



Section mm ²	Construction mm	Diameter mm	Overall diameter approx. mm	Weight approx. kg/km	Conductor resistance at 20°C (Ω/KM)	Current rating at 60°C (A)	Current rating at 90°C (A)	Short circuit rating at 90°C (kA)	BATT Part number
1.5	0.25	1.5	4.1	26	13.7	30	30	-	-
2.5	0.25	1.9	4.5	36	8.21	40	35	-	43698
4.0	0.3	2.4	5.0	52	5.09	55	50	-	43541
6.0	0.3	2.8	5.5	69	3.39	85	75	0.86	-
10	0.4	3.8	6.4	111	1.95	120	105	1.43	23048
16	0.4	5.6	8.5	177	1.24	185	160	2.30	23100
25	0.4	7.1	10.5	267	0.795	215	185	3.60	43542
35	0.4	8.3	11.8	365	0.565	280	245	5.00	23067
50	0.4	10.1	14.1	510	0.393	360	310	7.20	23097
70	0.5	12.1	16.1	701	0.277	455	395	10.0	43543
95	0.5	13.9	18.3	926	0.210	555	480	13.3	23104
120	0.5	15.7	20.2	1154	0.164	625	540	17.2	23062
150	0.5	17.6	22.5	1432	0.132	700	605	21.5	-
185	0.5	19.6	24.9	1761	0.108	760	660	26.5	23099
240	0.5	21.8	27.3	2284	0.0817	860	745	34.3	43534