



SIWO-KUL B Cable 6.6/7.2KV BS6195

Applications:

Suitable where high flexibility is required and high temperature conditions exist. Connection cable for machines, motors and generators. Thanks to its good antifriction properties and abrasion resistance it is also well suited for shipbuilding.

Conductors:

Tinned flexible copper to IEC60228 Class 5

Tape:

Semi-conductor tape, silicone rubber insulated, separator tape

Braid:

Protective synthetic yarn braiding

Sheath/Jacket:

Varnished sheath.

Colour:

Grey

Voltage:

6.6/7.2 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 IEC331 and VDE 0472 part 814, at rated voltage, show a function time of at least 30 minutes

Fire Propagation: IEC 60332-3, 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° (/km)	Current rating at 60°C (A)	Current rating at 90°C (A)	Short circuit at 90°C (kA)	BATT part number
4.0	0.3	2.4	8.0	81	5.09	45	40	-	-
6.0	0.3	2.8	8.5	99	3.39	75	65	0.86	23094
10	0.4	3.8	9.4	145	1.95	110	95	1.43	23111
16	0.4	5.6	11.3	225	1.24	165	145	2.30	23103
25	0.4	7.1	13.0	322	0.795	200	175	3.60	23102
35	0.4	8.3	14.2	423	0.565	260	225	5.00	23092
50	0.4	10.1	16.5	584	0.393	325	285	7.20	23079
70	0.5	12.1	18.5	785	0.277	410	355	10.0	23091
95	0.5	13.9	20.2	1006	0.210	500	435	13.6	23114
120	0.5	15.7	22.2	1238	0.164	560	485	17.2	23096
150	0.5	17.6	24.2	1525	0.132	630	540	21.5	43546
185	0.5	19.6	26.2	1844	0.108	685	595	26.5	23076
240	0.5	21.8	28.6	2355	0.0817	775	670	34.3	-