



SFOI (C) Cable Armoured 250V

Applications:	Marine applications including ship wiring and the petrochemical and process control industries. For instrumentation and communication systems.
Conductor:	Plain compacted Stranded Copper in accordance with IEC60228, Class 2
Insulation:	MGT, XLPE (Crossed linked polyethylene)
Screen:	CAM
Armour:	Copper Wire Braid
Sheath:	LSZH (Low smoke, zero halogen)
Colour:	Grey
Core Identification:	1 pair: light blue, black (numbered) 1 triple: light blue, black and brown
Operating temperature:	Maximum 90°C
Voltage:	250v
Standards:	IEC60092-353 electrical installations in ships IEC60331: Fire resistant UL1581
Approvals:	ABS, Bureau Veritas and Lloyd's Register

0.75 sqmm Conductor

No of pairs	Conductor diameter mm	Insulation thickness mm	Diameter of braid armour mm	Sheath thickness mm	Nominal overall diameter mm	Conductor resistance OHMS/KM	Insulation resistance OHMS/KM	Weight kg/km	BATT Part No
1	1.11	0.5	0.2	1.1	9.3	26.0	1030	130	-
2	1.11	0.5	0.2	1.1	10.4	26.0	1030	170	-
3	1.11	0.5	0.3	1.3	14.8	26.0	1030	300	-
4	1.11	0.5	0.3	1.3	15.6	26.0	1030	340	14271
7	1.11	0.5	0.3	1.4	18.5	26.0	1030	480	14255
8	1.11	0.5	0.3	1.5	19.8	26.0	1030	540	-
10	1.11	0.5	0.3	1.5	21.9	26.0	1030	640	14261
12	1.11	0.5	0.3	1.6	23.0	26.0	1030	720	-
14	1.11	0.5	0.3	1.6	23.8	26.0	1030	790	14256
16	1.11	0.5	0.3	1.7	25.6	26.0	1030	900	-
19	1.11	0.5	0.3	1.7	27.2	26.0	1030	1010	-
24	1.11	0.5	0.3	1.9	31.1	26.0	1030	1270	-
30	1.11	0.5	0.3	2.0	33.7	26.0	1030	1510	-
37	1.11	0.5	0.4	2.1	36.6	26.0	1030	1850	-

1.0 sqmm Conductor

No of pairs	Conductor diameter mm	Insulation thickness mm	Diameter of braid armour mm	Sheath thickness mm	Nominal overall diameter mm	Conductor resistance OHMS/KM	Insulation resistance OHMS/KM	Weight kg/km	BATT Part No
1	1.29	0.5	0.2	1.1	9.7	19.2	920	140	-
2	1.29	0.5	0.2	1.1	10.9	19.2	920	190	-
3	1.29	0.5	0.3	1.3	15.5	19.2	920	340	-
4	1.29	0.5	0.3	1.3	16.4	19.2	920	380	-
7	1.29	0.5	0.3	1.5	19.7	19.2	920	560	-
8	1.29	0.5	0.3	1.5	20.9	19.2	920	620	-
10	1.29	0.5	0.3	1.6	23.4	19.2	920	750	-
12	1.29	0.5	0.3	1.6	24.3	19.2	920	830	-
14	1.29	0.5	0.3	1.7	25.3	19.2	920	920	-
16	1.29	0.5	0.3	1.7	27.1	19.2	920	1040	-
19	1.29	0.5	0.3	1.8	29.0	19.2	920	1190	-
24	1.29	0.5	0.3	2.0	33.2	19.2	920	1500	-
30	1.29	0.5	0.4	2.1	36.5	19.2	920	1870	-
37	1.29	0.5	0.4	2.2	39.0	19.2	920	2180	-

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1.5sqmm Conductor

No of pairs	Conductor diameter mm	Insulation thickness mm	Diameter of braid armour mm	Sheath thickness mm	Nominal overall diameter mm	Conductor resistance OHMS/KM	Insulation resistance OHMS/KM	Weight kg/km	BATT Part No
1	1.59	0.6	0.2	1.1	10.7	12.8	900	170	14257
2	1.59	0.6	0.2	1.2	12.3	12.8	900	240	-
3	1.59	0.6	0.3	1.4	17.6	12.8	900	430	-
4	1.59	0.6	0.3	1.4	18.6	12.8	900	490	-
7	1.59	0.6	0.3	1.6	22.4	12.8	900	720	-
8	1.59	0.6	0.3	1.6	23.8	12.8	900	800	-
10	1.59	0.6	0.3	1.7	26.7	12.8	900	980	-
12	1.59	0.6	0.3	1.8	27.9	12.8	900	1100	-
14	1.59	0.6	0.3	1.8	28.9	12.8	900	1210	-
16	1.59	0.6	0.3	1.9	31.2	12.8	900	1380	-
19	1.59	0.6	0.3	2.0	33.4	12.8	900	1590	-
24	1.59	0.6	0.4	2.2	38.7	12.8	900	2100	-
30	1.59	0.6	0.4	2.3	42.0	12.8	900	2490	-
37	1.59	0.6	0.4	2.4	44.9	12.8	900	2920	-

0.75 sqmm Conductor

No of triples	Conductor diameter mm	Insulation thickness mm	Diameter of braid armour mm	Sheath thickness mm	Nominal overall diameter mm	Conductor resistance OHMS/KM	Insulation resistance OHMS/KM	Weight kg/km	BATT Part No
1	1.11	0.5	0.2	1.1	9.7	26.0	1030	140	-
2	1.11	0.5	0.3	1.3	15.1	26.0	1030	310	-
3	1.11	0.5	0.3	1.3	15.9	26.0	1030	360	-
4	1.11	0.5	0.3	1.4	17.4	26.0	1030	430	-
7	1.11	0.5	0.3	1.6	21.4	26.0	1030	640	-
8	1.11	0.5	0.3	1.6	23.0	26.0	1030	720	-
10	1.11	0.5	0.3	1.7	25.9	26.0	1030	890	-
12	1.11	0.5	0.3	1.7	27.2	26.0	1030	990	-
14	1.11	0.5	0.3	1.8	28.5	26.0	1030	1110	-
16	1.11	0.5	0.3	1.9	30.3	26.0	1030	1240	-
19	1.11	0.5	0.3	1.9	32.5	26.0	1030	1420	-
24	1.11	0.5	0.4	2.1	36.6	26.0	1030	1830	-
30	1.11	0.5	0.4	2.2	40.3	26.0	1030	2200	-
37	1.11	0.5	0.4	2.3	41.9	26.0	1030	2360	-