

SFOI (C)

Plain annealed copper conductors/Fire resisting tape (MGT)/XLPE insulated/drain wire tinned annealed copper/CAM screen/ lapped inner covering/Copper Wire Braid/ LSZH 250 Volts grade

Standard sheath colour : Grey, LSZH, IEC60331, IEC60092-376

0.75 sqmm conductor

NO OF PAIRS	CONDUCTOR DIAMETER MM	INSULATION THICKNESS MM	DIAM OF BRAID ARMOUR MM	SHEATH THICKNESS MM	NOMINAL OVERALL DIAMETER MM	CONDUCTOR RESISTANCE	INSULATION RESISTANCE	WEIGHT KG/KM	BATT PART NO
						OHMS/KM	OHMS/KM		
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	DIAM OF BRAID ARMOUR MM	SHEATH THICKNESS MM	NOMINAL OVERALL DIAMETER MM	CONDUCTOR RESISTANCE	INSULATION RESISTANCE	WEIGHT KG/KM	BATT PART NO
						OHMS/KM	OHMS/KM		
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	-

Max rated conductor temperature: 90 degrees centigrade

Pair colours: 1 pair - light blue, black numbered

IEC60092-350
IEC60092-376

Type Approvals: ABS, Bureau Veritas and Lloyd's Register of Shipping



SFOI (C) continued

Plain annealed copper conductors/Fire resisting tape (MGT)/XLPE insulated/drain wire tinned annealed copper/CAM screen/ lapped inner covering/Copper Wire Braid/ LSZH 250 Volts grade
Standard sheath colour : Grey, LSZH IEC60331, IEC60092-376

1.5 sqmm conductor

NO OF PAIRS	CONDUCTOR DIAMETER MM	INSULATION THICKNESS MM	DIAM 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	DIAM 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	-

Max rated conductor temperature: 90 degrees centigrade

Pair colours: 1 pair - light blue, black numbered
1 triple: light blue, black, brown

IEC60092-376: electrical installation in ships, power cables,
IEC60331: fire resistant

Type Approvals: ABS, Bureau Veritas and Lloyd's Register of Shipping



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