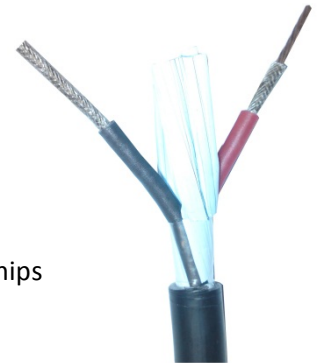




SXXI Cable Unarmoured 600/1000V

Applications:	Marine applications where circuit integrity is important in the event of a fire, including ship wiring
Conductor:	Plain compacted Stranded Copper in accordance with IEC60228, Class 2
Insulation:	MGT, XLPE (Crossed linked polyethylene)
Sheath:	LSZH (Low smoke, zero halogen)
Colour:	Black
Core Identification:	2 core: red, black, 3 core: red, yellow, blue
Operating temperature:	Maximum 90°C
Voltage:	600/1000v
Standards:	IEC60092-353: power cables for electrical installation in ships IEC60331: fire resistant UL1581
Approvals:	ABS, Bureau Veritas and Lloyd's Register



One Core

Size sq.mm	Conductor diameter mm	Insulation thickness mm	Sheath thickness mm	Nominal overall diameter mm	Conductor resistance OHMS/KM	Insulation resistance OHMS/KM	Weight kg/km	BATT Part No
1.5	1.59	0.7	1.0	6.0	12.1	1010	50	-
2.5	2.01	0.7	1.0	6.4	7.41	850	60	-
4	2.55	0.7	1.0	7.0	4.61	700	80	-
6	3.12	0.7	1.0	7.7	3.08	600	110	-
10	4.05	0.7	1.0	8.6	1.83	480	150	-
16	4.80	0.7	1.1	9.5	1.15	410	220	-
25	6.10	0.9	1.1	11.2	0.828	420	320	-
35	7.2	0.9	1.2	12.5	0.524	360	420	-
50	8.3	1.0	1.2	13.9	0.387	350	550	-
70	10.0	1.1	1.3	16.0	0.268	320	770	-
95	11.80	1.1	1.4	18.1	0.193	280	1030	-
120	13.20	1.2	1.5	19.9	0.154	270	1300	-
150	14.80	1.4	1.5	21.9	0.124	280	1570	-
185	16.35	1.6	1.6	23.9	0.099	290	1940	-
240	18.85	1.7	1.7	26.9	0.075	270	2530	-
300	20.90	1.8	1.8	29.3	0.060	260	3140	-

Two Core

Size sq.mm	Conductor diameter mm	Insulation thickness mm	Sheath thickness mm	Nominal overall diameter mm	Conductor resistance OHMS/KM	Insulation resistance OHMS/KM	Weight kg/km	BATT Part No
1.5	1.59	0.7	1.1	10.2	12.1	1010	110	14173
2.5	2.01	0.7	1.1	11.0	7.41	850	140	-
4	2.55	0.7	1.2	12.4	4.61	700	190	-
6	3.12	0.7	1.2	13.7	3.08	600	240	-
10	4.05	0.7	1.4	15.7	1.83	480	340	-
16	4.80	0.7	1.4	17.3	1.15	410	490	-
25	6.10	0.9	1.5	21.0	0.828	420	720	-
35	7.2	0.9	1.6	23.5	0.524	360	950	-
50	8.3	1.0	1.7	26.1	0.387	350	1250	-
70	10.0	1.1	1.8	30.1	0.268	3520	1730	-
95	11.8	1.1	2.0	34.1	0.193	280	2320	-



Three core

Size sq.mm	Conductor diameter mm	Insulation thickness mm	Sheath thickness mm	Nominal overall diameter mm	Conductor resistance OHMS/KM	Insulation resistance OHMS/KM	Weight kg/km	BATT Part No
1.5	1.59	0.7	1.1	10.8	12.1	1010	140	14174
2.5	2.01	0.7	1.2	11.8	7.41	850	180	-
4	2.55	0.7	1.2	13.2	4.61	700	240	-
6	3.12	0.7	1.3	14.7	3.08	600	310	-
10	4.05	0.7	1.3	16.7	1.83	480	450	-
16	4.80	0.7	1.4	18.5	1.15	410	650	-
25	6.10	0.9	1.5	22.3	0.828	420	980	-
35	7.2	0.9	1.6	24.7	0.524	360	1300	-
50	8.3	1.0	1.8	28.0	0.387	350	1730	-
70	10.0	1.1	1.9	32.3	0.268	320	2420	-
95	11.8	1.1	2.1	36.7	0.193	280	3250	14187
120	13.20	1.2	2.2	40.3	0.153	270	4080	-
150	14.80	1.4	2.4	45.0	0.124	280	4970	-
185	16.35	1.6	2.6	49.8	0.099	290	6160	-
240	18.85	1.7	2.8	56.2	0.075	270	8050	-

Four Core

Size sq.mm	Conductor diameter mm	Insulation thickness mm	Sheath thickness mm	Nominal overall diameter mm	Conductor resistance OHMS/KM	Insulation resistance OHMS/KM	Weight kg/km	BATT Part No
1.5	1.59	0.7	1.2	11.9	12.1	1010	170	-
2.5	2.01	0.7	1.2	13.0	7.41	850	220	-
4	2.55	0.7	1.3	14.6	4.61	700	300	-
6	3.12	0.7	1.3	16.1	3.08	600	390	-
10	4.05	0.7	1.4	18.6	1.83	480	590	-
16	4.80	0.7	1.5	20.5	1.15	410	850	-
25	6.10	0.9	1.6	24.6	0.828	420	1280	-
35	7.2	0.9	1.7	27.5	0.524	360	1700	-
50	8.3	1.0	1.9	31.1	0.387	350	2260	-
70	10.0	1.1	2.1	36.1	0.268	320	3160	-
95	11.80	1.1	2.2	40.7	0.193	280	4240	-



Five Core and above

No of cores	Size sq.mm	Conductor diameter mm	Insulation thickness mm	Sheath thickness mm	Nominal overall diameter mm	Conductor resistance OHMS/KM	Insulation resistance OHMS/KM	Weight kg/km	BATT Part No
5	1.5	1.59	0.7	1.2	13.1	12.1	1010	200	-
5	2.5	2.01	0.7	1.3	14.4	7.41	850	270	-
6	1.5	1.59	0.7	1.3	14.4	12.1	1010	240	-
6	2.5	2.01	0.7	1.3	15.6	7.41	850	320	-
7	1.5	1.59	0.7	1.3	14.4	12.1	1010	260	14175
7	2.5	2.01	0.7	1.3	15.6	7.41	850	340	-
8	1.5	1.59	0.7	1.3	15.5	12.1	1010	300	-
8	2.5	2.01	0.7	1.3	16.8	7.41	850	390	-
9	1.5	1.59	0.7	1.3	16.7	12.1	1010	340	-
9	2.5	2.01	0.7	1.4	18.4	7.41	850	450	-
10	1.5	1.59	0.7	1.4	18.4	12.1	1010	390	-
10	2.5	2.01	0.7	1.5	20.2	7.41	850	510	-
12	1.5	1.59	0.7	1.4	19.0	12.1	1010	440	-
12	2.5	2.01	0.7	1.5	20.8	7.41	850	580	-
14	1.5	1.59	0.7	1.5	20.1	12.1	1010	500	-
14	2.5	2.01	0.7	1.5	21.9	7.41	850	660	-
16	1.5	1.59	0.7	1.5	21.2	12.1	1010	560	-
16	2.5	2.01	0.7	1.6	23.4	7.41	850	750	-
19	1.5	1.59	0.7	1.5	22.3	12.1	1010	640	-
19	2.5	2.01	0.7	1.6	24.3	7.41	850	860	-
20	1.5	1.59	0.7	1.6	23.3	12.1	1010	680	-
20	2.5	2.01	0.7	1.7	25.3	7.41	850	910	-
24	1.5	1.59	0.7	1.7	26.3	12.1	1010	840	-
24	2.5	2.01	0.7	1.8	28.9	7.41	850	1120	-
27	1.5	1.59	0.7	1.7	26.9	12.1	1010	910	-
27	2.5	2.01	0.7	1.8	29.5	7.41	850	1220	-
30	1.5	1.59	0.7	1.8	28.0	12.1	1010	1000	-
30	2.5	2.01	0.7	1.9	30.8	7.41	850	1350	-
37	1.5	1.59	0.7	1.8	30.2	12.1	1010	1190	-
37	2.5	2.01	0.7	2.0	33.4	7.41	850	1620	-