



XLPE Marine Cable

Applications:	XLPE marine power and control cable suitable as ship wiring or ship cable. For fixed installations in most area and on open deck in ships.
Conductor:	Class 2 copper conductor to IEC 60228 (Class 5 Cu for single cores)
Insulation:	XLPE (Crossed linked polyethylene) to IEC 60092-351
Bedding:	Separator bedding tape
Sheath:	LSZH (Low smoke, zero halogen) to IEC 60092-359
Colour:	Black
Core Identification:	Single core: Black 2 core: Brown & blue 3 core: Brown, black & grey 4 core: Brown, blue, black & grey 5 core and above: White cores with black numbers.
Operating temperature:	Maximum 90°C, minimum bending -15°C
Voltage:	600/1000v
Standards:	IEC 60092: power cables for electrical installation in ships IEC 60332: flame retardant IEC 60754: halogen free IEC 61034: smoke emission UL1581
Approvals:	ABS, DNV, Bureau Veritas, Germanischer Lloyd, Lloyds Register of Shipping, RINA, China Classification Society, Korean Register of Shipping, Class NK, Transport Canada & Russian Maritime Register of Shipping



No of cores	Conductor size mm	Overall Diameter mm	Weight kg/km	Current rating amps	Min bending radius mm	BATT Part No
1	6	6.5	95	52	30	-
1	10	7.5	140	72	30	-
1	16	8.5	205	96	35	-
1	25	11.5	320	127	50	-
1	35	12.0	420	157	50	-
1	50	14.0	555	196	60	-
1	70	17.0	790	242	70	-
1	95	18.0	1040	293	75	14317
1	120	20.0	1300	339	80	-
1	150	23.5	1610	389	95	-
1	185	26.0	2005	444	160	14318
1	240	29.0	2615	522	175	-
1	300	32.0	3235	601	195	-
2	1.5	8.0	80	20	35	14308
2	2.5	10.0	115	26	40	14311
2	4	11.0	155	34	45	14313
2	6	11.5	205	44	50	-
2	1	14.5	315	61	60	14315
2	16	16.5	465	82	70	-
2	25	20.5	700	108	85	-
2	35	23.5	990	133	95	-



No of cores	Conductor size mm	Overall Diameter mm	Weight kg/km	Current rating amps	Min bending radius mm	BATT Part No
3	1.5	9	100	16	40	14309
3	2.5	10	145	21	45	14312
3	4	11.5	200	28	50	14314
3	6	13.0	310	36	55	-
3	10	15.0	465	50	65	-
3	16	17.5	675	67	75	-
3	25	22.0	1025	89	90	-
3	35	24.5	1390	110	100	-
3	50	28.5	1860	137	175	-
3	70	33.5	2640	169	205	-
3	95	37.5	3500	205	230	-
3	120	42.0	4455	237	255	-
3	150	47.5	5515	272	285	-
4	1.5	9.5	135	16	40	-
4	2.5	11.5	180	21	45	-
4	4	13.0	260	28	55	-
4	6	14.5	385	36	60	-
4	10	17.0	585	50	70	-
4	16	20.0	865	67	80	-
4	25	24.0	1325	189	100	-
4	35	27.0	1785	110	165	-
4	50	32.0	2400	137	195	-
4	70	38.0	3390	169	225	-
4	95	43.0	4545	205	255	-
4	120	47.5	5730	237	285	-
5	1.5	10.5	160	14	45	14310
5	2.5	12.5	220	18	50	-
5	4	14.0	315	25	60	-
5	6	15.0	445	30	60	-
5	10	18.0	675	44	75	-
5	16	21.0	1015	56	85	-
7	1.5	12.0	200	12	50	-
7	2.5	13.0	285	16	55	-
10	1.5	14.5	290	11	60	-
10	2.5	16.5	425	14	70	-
12	1.5	16.0	335	10	65	14316
12	2.5	17.0	470	13	70	-
14	1.5	16.0	375	10	65	-
14	2.5	19.0	545	13	80	-
16	1.5	17.5	425	9	70	-
16	2.5	20.4	615	12	80	-
19	1.5	18.0	490	9	75	-
19	2.5	21.0	700	11	85	-
24	1.5	21.5	635	8	90	-
24	2.5	25.0	925	10	150	-
27	1.5	22.5	690	8	90	-
37	2.5	24.5	910	7	150	-