



## XLPE Marine Flex Cable

<b>Applications:</b>	For fixed installations in most area and on open deck in ships NB This cable is not designed for movable or portable applications. Flexible conductor cables ease the installation in areas involving tight bending radii or high vibration.
<b>Conductor:</b>	Class 5 copper conductor to IEC 60228
<b>Insulation:</b>	XLPE (Crossed linked polyethylene) to IEC 60092-351
<b>Bedding:</b>	Separator bedding tape
<b>Sheath:</b>	LSZH (Low smoke, zero halogen) to IEC 60092-359
<b>Colour:</b>	Black
<b>Core Identification:</b>	1 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.
<b>Operating temperature:</b>	Maximum 90°C, minimum bending -15°C
<b>Voltage:</b>	600/1000v
<b>Standards:</b>	IEC 60092: power cables for electrical installation in ships, IEC 60332: flame retardant IEC 60754: halogen free, IEC 61034: smoke emission, UL1581
<b>Approvals:</b>	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	16	9.0	185	94	40	-
1	25	12.0	290	123	50	-
1	35	13.0	385	153	55	-
1	50	16.0	535	196	65	14320
1	70	17.5	745	240	70	-
1	95	20.0	965	284	80	-
1	120	22.5	1215	331	90	-
1	150	25.5	1530	381	155	-
1	185	29.0	1865	429	175	-
1	240	33.0	2475	507	200	-
1	300	35.5	3030	582	215	-
2	16	17.0	405	80	70	-
2	25	22.5	615	105	90	-
2	35	24.5	840	130	100	-
3	16	19.0	555	66	80	-
3	25	24.0	855	86	100	-
3	35	26.0	1170	107	160	-
3	50	31.0	1650	137	190	-
3	70	36.0	2300	168	220	-
3	95	43.0	3010	199	260	-
3	120	47.5	3815	232	285	-
3	150	54.0	4760	267	325	-
4	16	20.0	725	66	80	-
4	25	26.5	1125	86	160	-
4	35	29.5	1530	107	180	-
4	50	35.0	2170	137	210	-
4	70	40.5	3010	168	245	-
4	95	47.0	3990	199	285	-
4	120	52.5	4995	232	315	-
5	16	22.5	900	55	90	-