

BO SHIP POWER CABLE 0,6/1KV

CU/XLPE/SHF1

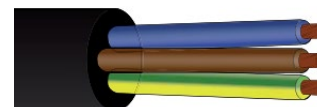


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Conductor:	Bare (optional tinned copper) class 5 according to IEC 60228
Insulation:	HF XLPE compound according to IEC 60092-360 Thickness according to IEC 60092-353
Colour Code:	1 core: black 2 cores: brown, blue 3 cores: black, grey, brown or (blue, brown, green/yellow) 4 cores: brown, black, grey, blue or green/yellow 5 cores: blue, brown, black, grey, black or green/yellow From 5 cores: black numbered (with or without green/yellow)
Wrapping:	Yarn fillers and non-hygroscopic tape or extruded halogen-free inner sheath
Outer Sheath:	SHF1 compound according to IEC 60092-360 Thickness according to IEC 60092-353 Colour: black (or other colour agreed) Outer diameter according to IEC 60092- 350 annex D
Cable Printing:	Standard...0,6/1 kV 90°C (core number) x (cross-section) – IEC 60092-353 - IEC 60332-3-22 – traceability code
Technical Data & Standard References	Single and multicore, unarmoured power and control shipboard cables rated 0,6/1 kV
	Marine Type Approvals ABS, BV, DNV, LR, RINA
	Minimum bending radius (according to IEC 60092-352 table 4): 4D for cables having overall diameter not above 25 mm 6D for cables having overall diameter above 25 mm with D the overall diameter
	Fire Behaviour IEC 60332-3-22 not fire propagation IEC 60332-1-2 not flame propagation IEC 60754-1 halogen content IEC 60754-2 pH and conductivity IEC 60684-2 fluorine content IEC 61034 smoke emission

TECHNICAL DATA AND PRODUCT FEATURES

	TEMPERATURE RANGE -15°C +90°C (Fixed and min. installation)
	WORKING VOLTAGE 600/1000V
	HALOGEN FREE IEC 60754-1
	FLAME RESISTANCE IEC 60332-1-2 not flame propagation
	APPROVALS      ABS, BV, DNV, LR, RINA

Application: Unarmoured power and control cable. For fixed installation in most areas, and on open deck in ships and offshore units

Botec P/N	Cores x size mm ²	Approx. outer diam. mm	Cable weight kg/km	
	1X1,5	5,00	45	
	1X2,5	5,50	60	
	1X4	6,00	80	
	1X6	6,50	100	
	1X10	7,50	145	
	1X16	8,80	215	
	1X25	12,50	327	
	1X35	12,00	450	
	1X50	13,60	600	
	1X70	15,60	820	
	1X95	18,30	1100	
	1X120	20,60	1370	
	1X150	23,30	1700	
	1X185	24,40	2040	
	1X240	27,60	2570	
	1X300	30,80	3140	
	2X1	7,50	66	
	3x1	7,90	85	
	4x1	8,80	105	
	5x1	9,60	125	
	7x1	10,40	155	
	10x1	13,30	220	
	12x1	13,90	250	
	24x1	19,30	470	
	2X1,5	8,10	80	
	3x1,5	8,70	110	
	4x1,5	9,50	130	
	5x1,5	10,40	160	
	7x1,5	11,50	205	
	10x1,5	14,70	290	
	12x1,5	15,10	335	

	14x1,5	15,90	380	
	19x1,5	17,90	500	
	24x1,5	21,10	625	
	30x1,5	22,50	760	
	37x1,5	24,30	910	
	2X2,5	9,10	110	
	3x2,5	9,60	145	
	4x2,5	10,50	180	
	5x2,5	11,70	220	
	7x2,5	12,70	290	
	10x2,5	16,30	410	
	12x2,5	17,00	480	
	14x2,5	17,90	545	
	19x2,5	20,10	720	
	24x2,5	23,70	910	
	30x2,5	25,30	1110	
	37x2,5	27,50	1350	
	2X4	10,30	150	
	3x4	10,90	200	
	4x4	12,10	260	
	5x4	13,30	310	
	2X6	11,50	205	
	3x6	12,20	275	
	4x6	13,30	350	
	5x6	14,80	430	
	2X10	13,50	295	
	3x10	14,50	415	
	4x10	16,0	530	
	5x10	17,70	655	
	2X16	15,90	440	

	3x16	17,10	620	
	4x16	18,80	800	
	5x16	20,90	1000	
	2X25	19,70	680	
	3x25	20,90	960	
	4x25	23,30	1250	
	5x25	25,90	1550	
	3x35	23,90	1310	
	4x35	26,60	1720	
	5x35	29,60	2130	
	3x50	27,80	1780	
	4x50	30,90	2330	
	5x50	34,30	2890	
	3x70	31,80	2450	
	4x70	35,60	3265	
	3x95	37,60	3320	
	4x95	42,10	4380	
	3x120	42,50	2900	
	3x150	48,30	5165	
	3x185	50,90	6180	