

BO SHIPFIRE RES POWER CABLE 0,6/1KV

CU/SI S95/SHF1

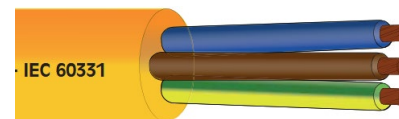


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Conductor:	Bare (optional tinned copper) class 5 according to IEC 60228
Insulation:	Silicon compound S95 according to IEC 60092-360 Thickness according to IEC 60092-353
Colour Code:	1 core: black 2 cores: brown, blue 3 cores: black, grey, brown or (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- IEC 60331-1 – traceability code
Technical Data & Standard References	Single and multicore, unarmoured fire resistant 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 EC 60331-21, IEC 60331-1 (2) fire resistant 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     

Application: Unarmoured power and control cable fire resistant. 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	5,70	55	
	1X2,5	6,10	68	
	1X4	6,70	90	
	1X6	7,10	112	
	1X10	8,30	165	
	1X16	9,70	245	
	1X25	11,70	365	
	1X35	12,80	485	
	1X50	14,90	650	
	1X70	16,90	860	
	1X95	19,40	1145	
	1X120	20,90	1440	
	1X150	23,30	1765	
	1X185	25,30	2100	
	2X1	9,10	92	
	3x1	9,70	116	
	4x1	10,50	142	
	5x1	11,70	175	
	7x1	12,70	222	
	10x1	16,30	314	
	12x1	17,10	366	
	24x1	23,40	683	
	2X1,5	9,50	106	
	3x1,5	10,10	134	
	4x1,5	11,20	168	
	5x1,5	12,30	205	
	7x1,5	13,30	265	
	10x1,5	17,30	285	
	12x1,5	17,90	439	

	14x1,5	18,80	500	
	19x1,5	21,10	656	
	24x1,5	25,10	840	
	30x1,5	26,60	1010	
	37x1,5	28,90	1225	
	2X2,5	10,60	134	
	3x2,5	10,90	175	
	4x2,5	12,20	223	
	5x2,5	13,30	270	
	7x2,5	14,70	360	
	10x2,5	18,90	510	
	12x2,5	19,70	600	
	14x2,5	20,80	680	
	19x2,5	23,30	900	
	24x2,5	27,70	1150	
	30x2,5	29,40	1390	
	37x2,5	31,90	1650	
	2X4	11,70	180	
	3x4	12,400	242	
	4x4	13,60	305	
	5x4	15,20	375	
	2X6	12,50	230	
	3x6	13,30	310	
	4x6	14,80	400	
	5x6	16,200	485	
	2X10	15,10	344	
	3x10	16,10	471	
	4x10	17,90	620	
	5x10	19,90	760	
	2X16	17,70	500	

	3x16	18,90	700	
	4x16	21,10	910	
	5x16	23,30	1130	
	2X25	21,50	750	
	3x25	23,10	1070	
	4x25	25,70	1400	
	5x25	28,60	1730	
	3x35	25,70	1440	
	4x35	28,60	1880	
	5x35	31,80	2330	
	3x50	30,00	1922	
	4x50	33,60	2540	
	3x70	34,20	2575	
	4x70	38,10	3420	
	3x95	39,60	3490	
	4x95	44,20	4595	
	3x120	43,00	4373	
	3x150	48,10	5361	
	3x185	52,40	6369	