

BO SHIPFIRE RES INSTRU CABLE SCREENED 150/250V

CU/SI S95/CAM/SHF1



Image for illustration only

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:	Single: black with numbers 1, 2, 3, ... Pair: black, white with numbers 1-1, 2-2, 3-3, ... Triple: black, white, red with numbers 1-1-1, 2-2-2, 3-3-3, ... Quad: black, white, red, blue with numbers 1-1-1-1, 2-2-2-2, 3-3-3-3, ...
Wrapping:	Each core assembled forming pairs or triples or quads (unit)
Assembly:	All cores or units assembled in round formation with suitable fillers and non hygroscopic tape(s)
Screen:	Aluminium/polyester tape with drain wire
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...150/250V 90°C (core number) x (cross-section) – IEC 60092-353 - IEC 60332-3-22- IEC 60331-1 – traceability code
Technical Data & Standard References	Control and Instrumentation, collectively screened, unarmoured, fire-resistant shipboard cables rated 150/250V
	Marine Type Approvals ABS, BV, DNV, LR, RINA
	Minimum bending radius 6D: D is 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 150/250V
	HALOGEN FREE IEC 60754-1
	FLAME RESISTANCE IEC 60332-1-2 not flame propagation
	APPROVALS     

Application:

Control and Instrumentation, collectively screened, unarmoured, fire-resistant shipboard cables rated 150/250V

Botec P/N	Cores x size mm ²	Approx. outer diam. mm	Cable weight kg/km	
	2X0,5	6,40	52	
	3X0,5	6,80	64	
	4X0,5	7,30	77	
	7X0,5	8,70	117	
	10X0,5	10,80	160	
	14X0,5	11,90	209	
	19X0,5	13,10	264	
	24X0,5	15,40	332	
	30X0,5	16,30	400	
	37X0,5	17,70	483	
	2X0,75	7,00	67	
	3X0,75	7,40	84	
	4X0,75	8,00	102	
	7X0,75	9,60	152	
	10X0,75	12,20	213	
	14X0,75	13,20	275	
	19X0,75	14,80	360	
	24X0,75	17,40	452	
	30X0,75	18,40	540	
	37X0,75	20,00	659	
	2X1	7,20	80	
	3x1	7,60	100	
	4x1	8,30	120	
	7x1	9,90	180	
	10x1	12,60	250	
	14x1	13,70	320	
	19x1	15,30	420	
	24x1	18,00	530	

	30x1	19,10	640	
	37x1	20,74	775	
	2X1,5	8,20	91	
	3x1,5	8,90	123	
	4x1,5	9,70	148	
	7x1,5	11,60	233	
	10x1,5	14,80	330	
	14x1,5	16,10	427	
	19x1,5	18,00	559	
	24x1,5	21,20	708	
	30x1,5	22,70	862	
	37x1,5	24,40	1032	
	2X2,5	9,20	124	
	3x2,5	9,80	160	
	4x2,5	10,60	206	
	7x2,5	12,80	321	
	10x2,5	16,40	452	
	14x2,5	18,00	597	
	19x2,5	20,20	787	
	24x2,5	23,80	986	
	30x2,5	25,40	1213	
	37x2,5	27,60	1475	
	2x2x0,5	9,30	89	
	4x2x0,5	10,80	140	
	7x2x0,5	13,00	210	
	10x2x0,5	16,80	290	
	14x2x0,5	18,20	386	
	19x2x0,5	20,50	517	
	24x2x0,5	24,10	648	
	30x2x0,5	25,70	776	
	37x2x0,5	28,00	942	

	2x2x0,75	10,30	120	
	4x2x0,75	12,10	188	
	7x2x0,75	14,70	286	
	10x2x0,75	18,80	415	
	14x2x0,75	20,60	544	
	19x2x0,75	23,10	712	
	24x2x0,75	27,30	896	
	30x2x0,75	29,10	1076	
	37x2x0,75	31,60	1305	
	2x2x1	10,60	140	
	4x2x1	12,50	218	
	7x2x1	15,10	342	
	10x2x1	19,60	495	
	14x2x1	21,30	637	
	19x2x1	23,90	839	
	24x2x1	28,40	1068	
	30x2x1	30,30	1286	
	37x2x1	32,90	1555	
	2x2x1,5	12,50	157	
	4x2x1,5	14,70	266	
	7x2x1,5	17,80	443	
	10x2x1,5	23,10	624	
	14x2x1,5	25,30	843	
	19x2x1,5	28,40	1109	
	24x2x1,5	33,80	1379	
	30x2x1,5	36,00	1665	
	37x2x1,5	39,10	2004	
	2x2x2,5	14,00	227	
	4x2x2,5	16,30	382	
	7x2x2,5	20,00	615	
	10x2x2,5	26,00	880	
	14x2x2,5	28,40	1179	

	19x2x2,5	31,90	1554	
	24x2x2,5	37,90	1937	
	30x2x2,5	40,40	2351	
	37x2x2,5	44,10	2840	
	3x4x0,5	13,60	202	
	4x4x0,5	16,60	298	
	7x4x0,5	18,30	395	
	3x4x0,75	15,30	273	
	4x4x0,75	18,70	414	
	7x4x0,75	20,70	544	
	3x4x1	15,90	316	
	4x4x1	19,60	484	
	7x4x1	21,40	651	
	3x4x1,5	18,70	410	
	4x4x1,5	23,10	633	
	7x4x1,5	25,40	843	
	3x4x2,5	20,90	557	
	4x4x2,5	25,90	876	
	7x4x2,5	28,50	1180	