

XI

Flexible plain compacted copper IEC60228 Class 2 XLPE based compound insulated, halogen free FLAMEBAR® bedding, halogen free SHF1, LSZH sheath.

Design and Construction: IEC60092-353

Nominal Voltage U₀/U: 0,6/1 kV

Maximum Voltage U_{max}: 1,2 kV

Flame Retardancy: IEC 60332-1 IEC 60332-3 Cat A

Corrosivity: IEC 60754-1 IEC 60754-2

Smoke Density: IEC 61034-2

Toxicity and Smoke Density: IMO RESOLUTION MSC

41(64) and ATS 1000.001 tech. spec.

Cold bend and impact test (-40°C) CSA C22.2 No 38-95

Cores Identification: 1 core black, 2 core black & light blue 3 core black, brown & light blue, 4 core black, blue, brown & white, 5 core white and numbered
Earthing core (on request) green/yellow

Operating Temp: up to +100 Deg C

Sheath Colour: Black

Applications: Marine applications including shipwiring. Suitable in cold climate areas

NOMINAL DIMENSIONAL AND ELECTRICAL

CONSTRUCTION (MM ²)	CONDUCTOR DIAMETER (MM)	INSULATION THICKNESS (MM)	OUTER SHEATH THICKNESS (MM)	OVERALL DIAMETER (APPROX) (MM)	WEIGHT (APPROX) (KG/KM)	BENDING RADIUS (MM)	BATT PART NO
1x1.5	1.6	0.7	0.9	4.8	32	19	-
1x2.5	2.0	0.7	0.9	5.2	43	21	-
1x4.0	2.7	0.7	1.0	6.1	62	24	14124
1x6.0	3.2	0.7	1.0	6.6	83	27	14151
1x10	3.9	0.7	1.0	7.3	138	29	-
1x16	5.1	0.7	1.1	8.7	207	35	14146
1x25	6.7	0.9	1.2	10.9	315	44	-
1x35	7.4	0.9	1.2	12.2	436	49	14122
1x50	8.8	1.0	1.3	13.8	596	55	14086
1x70	10.0	1.1	1.3	16.1	806	64	-
1x95	12.8	1.1	1.4	18.2	1059	73	14147
1x120	14.0	1.2	1.5	20.3	1320	81	14067
1x150	15.3	1.4	1.6	22.5	1643	90	14098
1x185	16.7	1.6	1.6	23.4	1978	94	14097
1x240	19.8	1.7	1.8	27.8	2573	111	14258
1x300	22.4	1.8	1.9	30.4	3174	122	-
2x1.5	1.6	0.7	1.1	8.2	110	33	14000
2x2.5	2.0	0.7	1.1	9.0	154	36	14001
2x4	2.7	0.7	1.1	10.3	210	41	14002
2x6	3.2	0.7	1.2	11.6	364	46	14003
2x10	3.9	0.7	1.3	14.6	543	58	14148
2x16	5.1	0.7	1.4	17.4	840	70	14068
2x25	6.7	0.9	1.6	22.1	1048	88	-
2x35	7.4	0.9	1.6	23.8	1411	95	-
2x50	8.8	1.0	1.7	26.9	1939	108	-
2x70	10.0	1.1	1.9	32.2	2640	129	-
2x95	12.8	1.1	2.1	36.7	3231	147	-
3x1.5	1.6	0.7	1.1	8.7	100	35	14004
3x2.5	2.0	0.7	1.1	9.6	137	38	14005
3x4	2.7	0.7	1.2	11.2	198	45	14006
3x6	3.2	0.7	1.2	12.4	268	50	14034
3x10	3.9	0.7	1.3	14.6	450	58	14035
3x16	5.1	0.7	1.4	17.4	656	70	-
3x25	6.7	0.9	1.6	22.1	1023	88	14069
3x35	7.4	0.9	1.6	23.8	1314	95	-
3x50	8.8	1.0	1.7	26.9	1815	108	14070
3x70	10.0	1.1	1.9	32.2	2531	129	14071
3x95	12.8	1.1	2.1	36.7	3341	147	14085
3x120	14.0	1.2	2.3	41.3	4218	165	14072
3x150	15.3	1.4	2.4	45.8	5199	183	14120
3x185	16.7	1.6	2.5	47.9	6235	192	-
3x240	19.8	1.7	2.9	57.5	8272	230	-
3x300	22.4	1.8	3.1	62.9	10107	252	-



CABLE DESIGNATION

- X Cross-linked polyethylene insulation
- I Halogen-free, low smoke, flame retardant sheath

TYPE APPROVALS

ABS, Bureau Veritas, DNV, Germanischer Lloyd, Lloyd's Register, RINA & Russian Maritime Register of Shipping



RINA

XI (CONTINUED)

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Operating Temp: up to +100 Deg C

Sheath Colour: Black

Applications: Marine applications including shipwiring. Suitable in cold climate areas

CONSTRUCTION (MM²)	INSULATION THICKNESS (MM)	OUTER SHEATH THICKNESS (MM)	OVERALL DIAMETER (APPROX) (MM)	WEIGHT (APPROX) (KG/KM)	BENDING RADIUS (MM)	BATT PART NO
4x1.5	0.7	1.1	9.4	122	38	14007
4x2.5	0.7	1.1	10.4	170	42	14008
4x4	0.7	1.2	12.2	248	49	14036
4x6	0.7	1.3	13.7	342	55	14037
4x10	0.7	1.3	15.9	543	64	14038
4x16	0.7	1.5	19.2	815	77	14152
4x25	0.9	1.7	24.5	1264	98	-
4x35	0.9	1.7	26.3	1709	105	-
4x50	1.0	1.9	29.9	2367	120	-
4x70	1.1	2.1	35.9	3234	143	-
4x95	1.1	2.3	40.8	4316	163	-
4x120	1.2	2.4	45.6	5436	183	-
4x150	1.4	2.6	50.8	6721	203	-
4x185	1.6	2.7	53.2	8122	213	-
4x240	1.7	3.1	63.8	10668	255	-
5x1.5	0.7	1.2	11.4	183	46	14009
7x1.5	0.7	1.2	11.4	201	46	14010
10x1.5	0.7	1.3	14.6	286	58	14345
12x1.5	0.7	1.3	14.6	286	58	14039
14x1.5	0.7	1.3	15.1	326	60	-
16x1.5	0.7	1.3	15.8	368	63	-
19x1.5	0.7	1.4	16.9	427	68	14040
24x1.5	0.7	1.4	16.1	364	64	-
27x1.5	0.7	1.5	21.0	612	84	-
30x1.5	0.7	1.6	22.4	746	90	-
37x1.5	0.7	1.7	24.4	904	98	-
5x2.5	0.7	1.2	12.6	251	51	-
7x2.5	0.7	1.2	12.6	279	51	-
12x2.5	0.7	1.4	17.0	467	68	-
19x2.5	0.7	1.5	21.5	670	86	-
27x2.5	0.7	1.7	24.4	987	98	-
37x2.5	0.7	1.8	27.5	1311	110	-



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