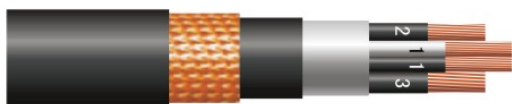
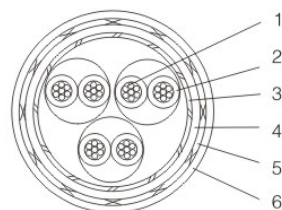
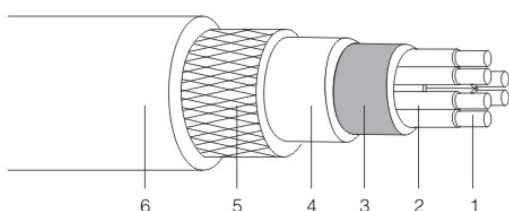


TIOI(c) 150 / 250V



Construction Diagram

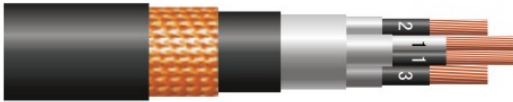


1. Circular stranded plain annealed high conductivity copper wire
2. Cross-linked polyethylene, XLPE
3. Aluminium foil with tinned copper drain wire
4. Flame retardant, Low smoke halogen-free compound, SHF1, black
5. Plain copper wire braid
6. Flame retardant, Low smoke halogen-free compound, black

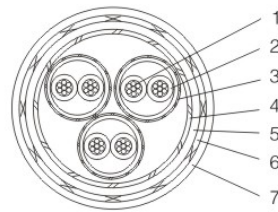
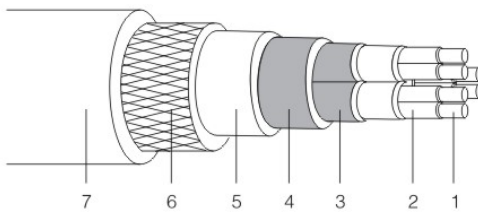
Specifications

Application:	Armoured cable for fixed installations of marine and offshore purposes. For instrumentation and communication systems
Rated Voltage:	150/250V
Maximum conductor operating temperature:	90 °C
Insulation resistance:	≥ 1000 Mohm*km
Test Voltage:	1.5KV/5 min
Standard reference:	IEC 60228, IEC 60092—376, IEC 60092—359, IEC 60332—3A, IEC 60754, IEC 61034
Notes:	Black and white cores with numbers (1st pair 1, 1, 2nd pair 2, 2, etc)

TIOI(ic) 150 / 250V



Construction Diagram



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Notes:	Black and white cores with numbers (1st pair 1, 1, 2nd pair 2, 2, etc)

No. x mm ²	Diameter TIOI(c)			Approx. Weight
	Minimum	Standard	Maximum	
mm ²	mm	mm	mm	kg/km
1 x 2 x 0.5	8.7	9.1	10.0	137
1 x 3 x 0.5	8.9	9.5	10.4	153
1 x 4 x 0.5	9.4	9.9	10.9	172
2 x 2 x 0.5	11.3	11.8	13.0	220
3 x 2 x 0.5	11.7	12.4	13.6	250
4 x 2 x 0.5	12.8	13.5	14.8	301
6 x 2 x 0.5	14.8	15.5	17.1	359
7 x 2 x 0.5	14.8	15.5	17.1	361
10 x 2 x 0.5	17.6	18.5	20.4	503
12 x 2 x 0.5	18.3	19.3	21.2	521
14 x 2 x 0.5	19.5	20.5	22.6	586
19 x 2 x 0.5	21.8	22.9	25.2	708
24 x 2 x 0.5	24.1	25.4	27.9	877
27 x 2 x 0.5	25.2	26.5	29.1	921
30 x 2 x 0.5	26.4	27.8	30.6	1007
37 x 2 x 0.5	28.8	30.3	33.3	1176
1 x 2 x 0.75	9.4	9.9	10.9	167
1 x 3 x 0.75	9.8	10.3	11.3	178
1 x 4 x 0.75	10.4	10.9	12.0	202
2 x 2 x 0.75	12.8	13.5	14.8	268
3 x 2 x 0.75	13.5	14.3	15.7	314
4 x 2 x 0.75	14.9	15.7	17.3	405
6 x 2 x 0.75	17.0	17.8	19.6	455
7 x 2 x 0.75	17.0	17.8	19.6	464
10 x 2 x 0.75	20.3	21.4	23.5	643
12 x 2 x 0.75	21.1	22.3	24.5	680
14 x 2 x 0.75	22.7	23.9	26.3	778
19 x 2 x 0.75	25.7	27.0	29.7	967
24 x 2 x 0.75	28.4	29.9	32.9	1190
27 x 2 x 0.75	29.7	31.3	34.4	1263
30 x 2 x 0.75	31.0	32.6	35.9	1363
37 x 2 x 0.75	34.1	35.8	39.4	1623
1 x 2 x 1.0	9.9	10.5	11.5	192
1 x 3 x 1.0	10.3	10.8	11.9	211
1 x 4 x 1.0	10.9	11.5	12.6	243
2 x 2 x 1.0	13.7	14.5	15.9	328
3 x 2 x 1.0	14.3	15.1	16.6	358
4 x 2 x 1.0	15.8	16.6	18.3	498
6 x 2 x 1.0	18.1	19.0	20.9	535
7 x 2 x 1.0	18.1	19.0	20.9	538
10 x 2 x 1.0	21.8	23.0	25.3	779
12 x 2 x 1.0	22.7	23.9	26.3	805
14 x 2 x 1.0	24.0	25.3	27.8	891
19 x 2 x 1.0	27.1	28.5	31.4	1115
24 x 2 x 1.0	30.1	31.6	34.8	1402
27 x 2 x 1.0	31.5	33.2	36.5	1471
30 x 2 x 1.0	33.2	35.0	38.5	1627
37 x 2 x 1.0	36.3	38.2	42.0	1918
1 x 2 x 1.5	10.5	11.0	12.1	214
1 x 3 x 1.5	10.9	11.5	12.6	239
1 x 4 x 1.5	11.8	12.5	13.7	287
2 x 2 x 1.5	15.1	15.8	17.4	409
3 x 2 x 1.5	15.9	16.7	18.4	464
4 x 2 x 1.5	17.3	18.3	20.1	590
6 x 2 x 1.5	19.7	20.8	22.9	650
7 x 2 x 1.5	19.7	20.8	22.9	663
10 x 2 x 1.5	23.8	25.1	27.6	954
12 x 2 x 1.5	25.0	26.3	28.9	1018
14 x 2 x 1.5	26.7	28.1	30.9	1149
19 x 2 x 1.5	30.3	31.9	35.1	1463
24 x 2 x 1.5	33.6	35.4	38.9	1825
27 x 2 x 1.5	35.8	37.6	41.4	2056
30 x 2 x 1.5	37.2	39.2	43.1	2219
37 x 2 x 1.5	40.8	43.0	47.3	2638

[illegible]

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