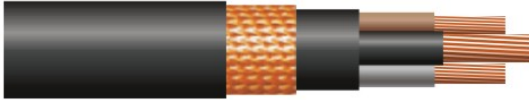
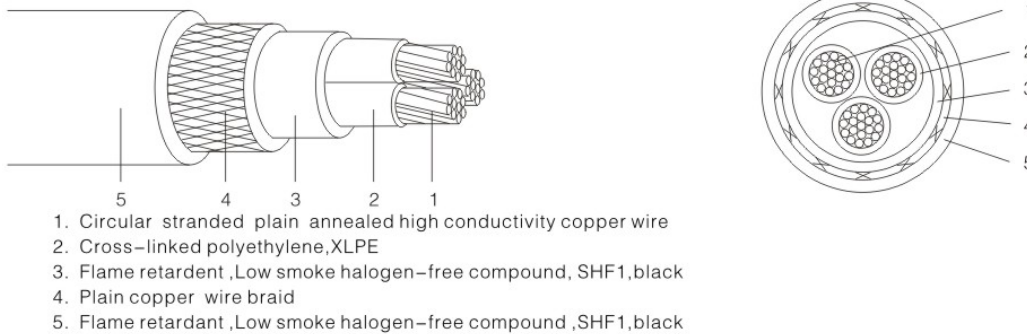


TIOI 0.6 / 1kV



Construction Diagram



Specifications

Application:	Armoured cable for fixed installations of marine and offshore purposes. For power and control systems
Rated Voltage:	0.6/1KV
Maximum conductor operating temperature:	90 °C
Insulation resistance:	≥ 1000 Mohm*km
Test Voltage:	3.5KV/5min
One core:	Natural
Two cores:	Blue, brown
Three cores:	Brown, black, gray
Four cores:	Blue, brown, black, gray
Five cores or more:	Black cores with white numbering
Standard reference:	IEC 60228, IEC 60092—350, IEC 60092—351, IEC 60092—353, IEC 60092—359, IEC 60332—3A, IEC 60754, IEC 61034
Notes:	3-core & cable sizes ≥ 35mm ² shall be sector-shaped

TIOI 0.6 / 1kV

No. x mm ²	Diameter			Approx. Weight
	Minimum	Standard	Maximum	
mm ²	mm	mm	mm	kg/km
1×1.0	7.2	7.6	8.4	106
1×1.5	7.5	7.9	8.7	118
1×2.5	7.9	8.4	9.2	132
1×4	8.4	8.9	9.8	159
1×6	9.0	9.5	10.4	187
1×10	9.9	10.4	11.4	242
1×16	10.9	11.5	12.6	314
1×25	12.9	13.5	14.9	453
1×35	14.1	14.8	16.3	569
1×50	15.6	16.5	18.1	718
1×70	17.9	18.9	20.8	979
1×95	19.8	20.8	22.9	1259
1×120	21.9	23	25.3	1562
1×150	23.9	25.2	27.7	1884
1×185	26.3	27.6	30.4	2301
1×240	29.4	30.9	34.0	2939
1×300	32.7	34.4	37.8	3589
2×1.0	9.8	10.4	11.4	187
2×1.5	10.4	10.9	12.0	212
2×2.5	11.6	12.2	13.4	271
2×4	12.6	13.3	14.6	317
2×6	13.7	14.5	15.9	406
2×10	15.8	16.6	18.3	544
2×16	18.2	19.2	21.1	731
2×25	21.9	23	25.3	1053
2×35	24.4	25.7	28.3	1292
3×1.0	10.2	10.7	11.8	202
3×1.5	10.8	11.5	12.6	242
3×2.5	12.1	12.7	14.0	303
3×4	13.2	13.9	15.3	373
3×6	14.6	15.4	16.9	479
3×10	16.8	17.6	19.4	650
3×16	19.2	20.2	22.2	904
3×25	23.1	24.3	26.7	1315
3×35	23.2/26.4*	24.5/27.8*	26.9/30.6*	1501/1692*
3×50	26.2/30.0*	27.5/31.6*	30.3/34.8*	1949/2187*
3×70	30.0/34.6*	31.5/36.4*	34.7/40.0*	2674/2983*
3×95	34.4/39.2*	36.3/41.3*	39.9/45.4*	3635/4017*
3×120	37.8/43.4*	39.8/45.7*	43.8/50.3*	4585/4971*
3×150	42.1/47.8*	44.3/50.3*	48.7/55.3*	5477/5991*
3×185	46.8/53.1*	49.3/55.9*	54.2/61.5*	6721/7404*
3×240	52.1/59.4*	54.8/62.5*	60.3/68.8*	8520/9432*
3×300	56.2/65.4*	59.2/68.8*	65.1/75.7*	10591/11590*
4×1.0	10.9	11.5	12.6	232
4×1.5	12.0	12.6	13.9	284
4×2.5	12.9	13.6	15.0	344
4×4	14.4	15.2	16.7	449
4×6	15.9	16.7	18.4	578
4×10	18.4	19.4	21.3	801

No. x mm ²	Diameter			Approx. Weight
	Minimum	Standard	Maximum	
mm ²	mm	mm	mm	kg/km
4×16	21.2	22.3	24.5	1105
4×25	25.5	26.8	29.5	1630
4×35	26.2/28.9*	27.5/30.4*	30.3/33.4*	1953/2095*
4×50	28.5/33.0*	30.0/34.7*	33.0/38.2*	2620/2719*
4×70	33.5/38.3*	35.3/40.3*	38.8/44.3*	3580/3822*
4×95	38.3/43.4*	40.3/45.7*	44.3/50.3*	4748/5076*
4×120	41.7/47.9*	43.9/50.4*	48.3/55.4*	5892/6259*
4×150	46.9/52.9*	49.4/55.7*	54.3/61.3*	7109/7589*
4×185	51.9/58.8*	54.6/61.9*	60.1/68.1*	8721/9389*
4×240	58.2/65.9*	61.3/69.4*	67.4/76.3*	11130/12020*
4×300	63.7/72.7*	67.1/76.5*	73.8/84.2*	13753/14811*
5×1.0	12.1	12.7	14.0	283
5×1.5	12.9	13.5	14.9	325
5×2.5	14.0	14.7	16.2	395
5×4	15.7	16.5	18.2	541
6×1.0	12.9	13.5	14.9	289
6×1.5	13.8	14.5	15.9	350
6×2.5	15.2	15.9	17.5	439
7×1.0	12.9	13.5	14.9	306
7×1.5	13.8	14.5	15.9	361
7×2.5	15.2	15.9	17.5	462
8×1.0	13.7	14.4	15.8	345
8×1.5	14.8	15.5	17.1	414
8×2.5	16.3	17.2	18.9	536
10×1.0	15.7	16.5	18.2	410
10×1.5	17.1	18.0	19.8	502
10×2.5	18.9	19.8	21.8	648
12×1.0	16.3	17.1	18.8	455
12×1.5	17.9	18.8	20.7	555
12×2.5	19.4	20.4	22.4	703
16×1.0	17.9	18.9	20.8	553
16×1.5	19.4	20.5	22.5	685
16×2.5	21.5	22.6	24.9	892
19×1.0	18.9	19.9	21.9	613
19×1.5	20.5	21.6	23.8	762
19×2.5	22.5	23.7	26.1	993
24×1.0	21.7	22.8	25.1	765
24×1.5	23.6	24.8	27.3	956
24×2.5	26.4	27.8	30.6	1244
27×1.0	22.1	23.3	25.6	807
27×1.5	24.3	25.5	28.1	1032
27×2.5	26.9	28.3	31.1	1366
30×1.0	22.8	24.0	26.4	853
30×1.5	25.0	26.3	28.9	1109
30×2.5	27.8	29.2	32.1	1478
37×1.0	24.5	25.8	28.4	1013
37×1.5	27.1	28.5	31.3	1313
37×2.5	30.1	31.6	34.8	1729

Those indicated with (*) represent round conductor.

We reserve the right to alter this specification without prior notice