



**Current Ratings – BS6883 / BS7917
Armoured and Un-Armoured Cable**

Current Ratings:

In accordance with IEC 60092-352 based on ambient air temperature of 45°C

Nominal cross sectional area mm ²	Insulation class temperature 90°C		
	Single core ampere	2 core ampere	3 and 4 core ampere
1	18	15	13
1.5	23	20	16
2.5	30	26	21
4	40	34	28
6	52	44	36
10	72	61	50
16	96	82	67
25	127	108	89
35	157	133	110
50	196	167	137
70	242	206	169
95	293	249	205
120	339	288	237
150	389	331	272
185	444	377	311
240	522	444	365
300	601	511	421
400	719	611	503
500	827	703	579
630	955	812	669

Number of cores Nominal cross sectional area	Insulation class temperature 90°C		
	1 mm ² ampere	1.5mm ² ampere	2.5mm ² ampere
5	10.5	12	16
7	9	10	15
10	8	9	13
12	8	9	12
16	7	8	11
19	7	7	10
20	7	7	10
24	6	6.5	9.5
27	6	6.5	9
30	6	6	9
37	5	6	8

The ambient temperature of 45°C, on which the above current ratings are based, is considered as a standard value for the ambient air temperature, generally applicable for any kind of ship or offshore platform in any climate