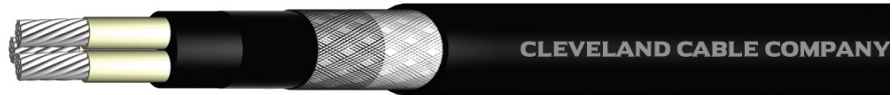
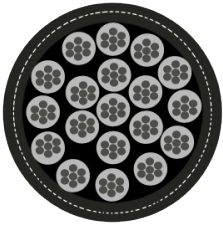


## BS6883-658TQ ARMOURED MARINE CABLE 6MM-300MM



### APPLICATION

658TQ Armoured Marine & offshore cables. Suitable for fixed installation in an offshore application, open decked areas and drilling rigs and platforms.

### CABLE STANDARDS

BS6883  
IEC60332-1  
IEC60332-3-22  
IEC60754-1, 2  
IEC61034-1, 2

### CONSTRUCTION

**Conductor:** Tinned copper conductor  
**Insulation:** Ethylene propylene rubber (EPR)  
**Bedding:** Low Smoke Zero Halogen (LSZH)  
**Armouring:** Galvanised steel wire braid  
**Sheath:** Low Smoke Zero Halogen (LSZH) SW4  
**Sheath Colour:** ■ Black

### CHARACTERISTICS

**Voltage Rating:** 600/1000 Volts  
**Temperature Limits:** -40°C to +90°C  
**Minimum Bending Radius:** As per cable manufacturer datasheet

### CORE IDENTIFICATION

□ White ■ Black Numbers

Coloured Core available on request

Should not be installed at temperatures below -15°C

## BS 6883-658TQ ARMoured MARINE CABLE - DIMENSIONS

CCC CODE	CONDUCTOR SIZE (MM <sup>2</sup> )	STRANDING (MM)	NO OF CORES	WEIGHT (KG/KM)	OVERALL DIAMETER	UKOOA CODE
6582TQ6	6	7/1.04	2	570	17.9	WB206
6583TQ6	6	7/1.04	3	635	18.7	WB306
6584TQ6	6	7/1.04	4	760	20.1	WB406
6582TQ10	10	7/1.35	2	750	21	WB210
6583TQ10	10	7/1.35	3	930	22.4	WB310
6584TQ10	10	7/1.35	4	1080	24	WB410
6582TQ16	16	7/1.70	2	1020	23.7	WB216
6583TQ16	16	7/1.70	3	1190	24.9	WB316
6584TQ16	16	7/1.70	4	1450	26.9	WB416
6582TQ25	25	19/1.35	2	1500	29	WB225
6583TQ25	25	19/1.35	3	1800	30.7	WB325
6584TQ25	25	19/1.35	4	2500	33.6	WB425
6582TQ35	35	19/1.53	2	1810	31	WB235
6583TQ35	35	19/1.53	3	2400	34	WB335
6584TQ35	35	19/1.53	4	2880	36.2	WB435
6582TQ50	50	19/1.78	2	2510	36	WB250
6583TQ50	50	19/1.78	3	3000	38.1	WB350
6584TQ50	50	19/1.78	4	3670	41	WB450
6582TQ70	70	19/2.14	2	2940	36	WB270
6583TQ70	70	19/2.14	3	3980	42.8	WB370
6584TQ70	70	19/2.14	4	4840	46.1	WB470
6582TQ95	95	37/1.78	2	3813	40.9	WB295
6583TQ95	95	37/1.78	3	5290	48.5	WB395
6584TQ95	95	37/1.78	4	6310	52.6	WB495
6582TQ120	120	37/2.03	2	4692	44.9	WB20A
6583TQ120	120	37/2.03	3	6480	52.9	WB30A
6584TQ120	120	37/2.03	4	7770	57.4	WB40A
6582TQ150	150	37/2.25	2	5634	48.9	WB20B
6583TQ150	150	37/2.25	3	7700	57.9	WB30B
6584TQ150	150	37/2.25	4	9400	63.1	WB40B
6583TQ185	185	37/2.52	3	9550	63.8	WB30C
6584TQ185	185	37/2.52	4	11520	69.6	WB40C
6583TQ240	240	61/2.25	3	12300	71.5	WB30D
6584TQ240	240	61/2.25	4	14840	78.3	WB40D
6583TQ300	300	61/2.52	3	14850	78.8	WB30E
6584TQ300	300	61/2.52	4	17938	84.9	WB40E

## BS 6883-658TQ MARINE CABLE – ELECTRICAL CHARACTERISTICS

NOMINAL CROSS SECTIONAL AREA (MM <sup>2</sup> )	CONTINUOUS CURRENT RATING		MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C	
	SINGLE CORE	2 CORE	3 AND 4 CORE	ANNEALED COPPER CONDUCTOR
1.5	23	20	16	13.70
2.5	30	26	21	7.560
4	40	34	28	4.70
6	52	44	36	3.11
10	72	61	50	1.84
16	96	82	67	1.16
25	127	108	89	0.734
35	157	133	110	0.529
50	196	167	137	0.391
70	242	206	169	0.270
95	293	249	205	0.195
120	339	288	237	0.154
150	389	331	272	0.126
185	444	377	311	0.100
240	522	444	365	0.076
300	601	511	421	0.061
400	719	611	503	0.048
500	827	703	579	0.037

THE ABOVE IS IN ACCORDANCE WITH 18TH EDITION OF IET WIRING REGULATIONS

THE INFORMATION CONTAINED WITHIN THIS DATASHEET IS FOR GUIDANCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE OR LIABILITY. WE BELIEVE THE INFORMATION IS CORRECT AT THE TIME OF PUBLICATION. PLEASE NOTE WHEN SELECTING CABLE ACCESSORIES THAT ACTUAL CABLE DIMENSIONS MAY VARY DUE TO MANUFACTURING TOLERANCES.