

BS 6883-657TQ MARINE CABLE 1.5MM – 6MM



APPLICATION

657TQ Marine and offshore cables. Non Armoured cable, suitable for power, control and lighting for fixed installations in all areas in ships and offshore units including accommodation and open decked areas exposed to the elements. The cable should be installed where there is not a risk of mechanical damage.

CABLE STANDARDS

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

CONSTRUCTION

Conductor: Tinned copper conductor

Insulation: Ethylene propylene rubber (EPR)

Sheath: Low Smoke Zero Halogen (LSZH) SW4

Sheath Colour:

Multi core available in Black

Single core available in Black or

Green/Yellow

CHARACTERISTICS

Voltage Rating: 600/1000 Volts

Temperature Limits: -40°C (fixed installation) 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 6883-657TQ MARINE CABLE - DIMENSIONS

CCC CODE	CONDUCTOR SIZE (MM ²)	STRANDING (MM)	NO. OF CORES	WEIGHT (KG/KM)	OVERALL DIAMETER	UKOOA CODE
6571TQ1/5	1.5	7/0.53	1	49	5.5	WF102
6572TQ1/5	1.5	7/0.53	2	125	8.9	WF202
6573TQ1/5	1.5	7/0.53	3	150	9.4	WF302
6574TQ1/5	1.5	7/0.53	4	180	10.3	WF402
6575TQ1/5	1.5	7/0.53	5	190	11	WF502
6576TQ1/5	1.5	7/0.53	6	240	12.2	WF602
6577TQ1/5	1.5	7/0.53	7	275	12.5	WF702
6578TQ1/5	1.5	7/0.53	8	295	13.3	WF802
6570/10TQ1/5	1.5	7/0.53	10	360	16.2	
6570/12TQ1/5	1.5	7/0.53	12	440	16.4	WFA02
6570/19TQ1/5	1.5	7/0.53	19	740	19.3	WFB02
6570/27TQ1/5	1.5	7/0.53	27	970	23.5	WFC02
6570/30TQ1/5	1.5	7/0.53	30	1015	24.3	
6570/37TQ1/5	1.5	7/0.53	37	1220	26	WFD02
6571TQ2/5	2.5	7/0.67	1	63	6	WF103
6572TQ2/5	2.5	7/0.67	2	160	9.8	WF203
6573TQ2/5	2.5	7/0.67	3	190	10.4	WF303
6574TQ2/5	2.5	7/0.67	4	240	11.4	WF403
6575TQ2/5	2.5	7/0.67	5	280	12.6	WF503
6576TQ2/5	2.5	7/0.67	6	470	16.9	WF603
6577TQ2/5	2.5	7/0.67	7	355	13.7	WF703
6578TQ2/5	2.5	7/0.67	8	398	15.3	WF803
6570/10TQ2/5	2.5	7/0.67	10	519	17.7	
6570/12TQ2/5	2.5	7/0.67	12	650	18.3	WFA03
6570/19TQ2/5	2.5	7/0.67	19	860	21.7	WFB03
6570/27TQ2/5	2.5	7/0.67	27	1220	26.3	WFC03
6570/30TQ2/5	2.5	7/0.67	30	1270	27.1	
6570/37TQ2/5	2.5	7/0.67	37	1610	29.5	WFD03
6571TQ4	4	7/0.85	1	90	6.9	WF104
6572TQ4	4	7/0.85	2	240	12	WF204
6573TQ4	4	7/0.85	3	280	12.7	WF304
6574TQ4	4	7/0.85	4	360	13.9	WF404
6575TQ4	4	7/0.85	5	425	15.3	WF504
6577TQ4	4	7/0.85	7	530	17.7	WF704
6571TQ6	6	7/1.04	1	115	7.5	WF106
6572TQ6	6	7/1.04	2	305	13.1	WF206
6573TQ6	6	7/1.04	3	370	13.9	WF306
6574TQ6	6	7/1.04	4	475	15.4	WF406

BS 6883-657TQ MARINE CABLE – ELECTRICAL CHARACTERISTICS

NOMINAL CROSS SECTIONAL AREA (MM ²)	CONTINUOUS CURRENT RATING									MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C
	SINGLE CORE	2 CORE	3 AND 4 CORE	5 CORE	7 CORE	12 CORE	19 CORE	27 CORE	37 CORE	
1.5	23	20	16	12	10	9	7	6.5	6	13.70
2.5	30	26	21	16	15	12	10	9	8	7.560
4	40	34	28	-	-	-	-	-	-	4.70
6	52	44	36		-	-	-	-	-	3.11
10	72	61	50							1.84

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

CLEVELAND CABLE COMPANY

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