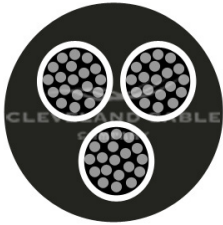


BS 6883-657TQ MARINE CABLE 10MM – 630MM



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 ■ G/Y

CHARACTERISTICS

Voltage Rating: 600/1000 Volts
Temperature Limits: Fixed -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 6883-657TQ MARINE CABLE - DIMENSIONS

CCC CODE	CONDUCTOR SIZE (MM ²)	STRANDING (MM)	NO OF CORES	WEIGHT (KG/KM)	OVERALL DIAMETER	UKOOA CODE
6571TQ10	10	7/1.35	1	165	9	WF110
6572TQ10	10	7/1.35	2	470	16	WF210
6573TQ10	10	7/1.35	3	595	17.2	WF310
6574TQ10	10	7/1.35	4	745	18.9	WF410
6571TQ16	16	7/1.70	1	230	10.1	WF116
6572TQ16	16	7/1.70	2	655	18.3	WF216
6573TQ16	16	7/1.70	3	830	19.5	WF316
6574TQ16	16	7/1.70	4	1045	21.7	WF416
6571TQ25	25	19/1.35	1	380	12.4	WF125
6572TQ25	25	19/1.35	2	1090	22.9	WF225
6573TQ25	25	19/1.35	3	1340	24.4	WF325
6574TQ25	25	19/1.35	4	1680	27.1	WF425
6571TQ35	35	19/1.53	1	490	13.6	WF135
6572TQ35	35	19/1.53	2	1310	25.3	WF235
6573TQ35	35	19/1.53	3	1630	27.1	WF335
6574TQ35	35	19/1.53	4	2130	30.1	WF435
6571TQ50	50	19/1.78	1	640	15.5	WF150
6572TQ50	50	19/1.78	2	1720	29	WF250
6573TQ50	50	19/1.78	3	2210	30.9	WF350
6574TQ50	50	19/1.78	4	2840	34.6	WF450
6571TQ70	70	19/2.14	1	870	17.5	WF170
6573TQ70	70	19/2.14	3	3080	35.3	WF370
6574TQ70	70	19/2.14	4	3950	39.2	WF470
6571TQ95	95	37/1.78	1	1150	19.6	WF195
6573TQ95	95	37/1.78	3	4060	40.3	WF395
6574TQ95	95	37/1.78	4	5170	45.1	WF495
6571TQ120	120	37/2.03	1	1440	21.4	WF10A
6573TQ120	120	37/2.03	3	5130	44.4	WF30A
6571TQ150	150	37/2.25	1	1770	23.8	WF10B
6571TQ185	185	37/2.52	1	2200	26.3	WF10C
6571TQ240	240	61/2.25	1	2780	29.5	WF10D
6571TQ300	300	61/2.52	1	3450	32.6	WF10E
6571TQ400	400	91/2.36	1	4400	36.7	WF10F
6571TQ500	500	91/2.65	1	5600	40.5	WF10G
6571TQ630	630	127/2.52	1	6910	44.4	WF10H

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	ANNEALED COPPER CONDUCTOR
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.