657*TQ Marine Cable BS6883,UKOOA, EPR, LSZH - 1.5mm² to 630mm²

Description

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 no risk of mechanical damage.

Key Features

Voltage Rating
600/1000 Volts

Minimum Bending Radius
Up to 6mm^2 - 4 x overall diameter
Above 6mm^2 - 6 x overall diameter

Flame Retardancy
BS EN/IEC 60332-3-22

Temperature Limits
Temperature Range: -40 to 90°C

Core Colours

White and Black numbers

Single cores available in either:

Black or Green Yellow outer sheath

Additional Information

UKOOA Cable Identifier

Standards

- BS EN/IEC 60332-3-22
- BS EN/IEC 60228
- BS EN/IEC 60332-1
- IEC/EN 60754-1/2
- BS6883
- IEC/EN 61034-1/2,

Construction

- **Conductor**: Up to 1.5mm^2 Class 5 tinned copper
  1.5mm^2 to 6mm^2 Class 2 tinned copper
  above 6mm^2 Class 2 stranded tinned copper
- **Insulation**: Ethylene Propylene Rubber (EPR)
- **Outer Sheath**: SW4 Low smoke zero Halogen (LSZH)
- **Sheath Colour**: Multi core available in Black
  Single core available in Black or Green/Yellow

Training & Testing Lab

AN ISO/IEC 17025 ACCREDITED FACILITY

Cleveland Cable Test & Training Lab
Our state-of-the-art cable testing facility ensures that every cable meets the highest standards of quality and compliance through continuous, rigorous testing.

ISO/IEC 17025 Accredited Testing Laboratory
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CPR
Cleveland Cable Company is committed to compliance with the Construction Products Regulation (CPR). Where applicable, all cables manufactured after 1st July 2017 have been assessed in accordance with CPR requirements, with full supporting documentation available.

Our Sustainability Commitment

We are committed to the journey to Net Zero as a business partner, an employer and a community member.

By thinking and acting sustainably, we deliver excellent customer service while reducing carbon emissions in collaboration with our customers and suppliers.

ecovadis
Cleveland Cable Company has been independently assessed by EcoVadis, a globally recognised provider of business sustainability ratings. Our score places us among the top 35% of companies evaluated worldwide, reflecting our strong commitment to environmental, social, and ethical performance

657*TQ Marine Cable BS6883,UKOOA, EPR, LSZH - 1.5mm² to 630mm² - Dimensions

Reference	Conductor Size (mm2)	No Of Cores	Stranding(mm)	UKOOA Code	Overall Diameter(mm)	Weight(Kg/Km)
6571TQ1/5	1.5	1	7/0.53	WF102	5.5	49
6572TQ1/5	1.5	2	7/0.53	WF202	8.9	125
6573TQ1/5	1.5	3	7/0.53	WF302	9.4	150
6574TQ1/5	1.5	4	7/0.53	WF502	10.3	180
6575TQ1/5	1.5	5	7/0.53	WF502	11	190
6576TQ1/5	1.5	6	7/0.53	NONE	12.2	240
6577TQ1/5	1.5	7	7/0.53	WF702	12.5	275
6578TQ1/5	1.5	8	7/0.53	NONE	13.3	295
6570/10TQ1/5	1.5	10	7/0.53	NONE	16.2	360
6570/12TQ1/5	1.5	12	7/0.53	WFA02	16.4	440
6570/19TQ1/5	1.5	19	7/0.53	WFB02	19.3	740
6570/27TQ1/5	1.5	27	7/0.53	WFC02	23.5	970
6570/30TQ1/5	1.5	30	7/0.53	NONE	24.3	1015
6570/37TQ1/5	1.5	37	7/0.53	WFD02	26	1220
6571TQ2/5EY	2.5	1	7/0.67	WE103	6	63
6571TQ2/5BK	2.5	1	7/0.67	WF103	6	63
6572TQ2/5	2.5	2	7/0.67	WF203	9.8	160
6573TQ2/5	2.5	3	7/0.67	WF303	10.4	190
6574TQ2/5	2.5	4	7/0.67	WF403	11.4	240
6575TQ2/5	2.5	5	7/0.67	WF503	12.6	280
6576TQ2/5	2.5	6	7/0.67	NONE	16.9	470
6577TQ2/5	2.5	7	7/0.67	WF703	13.7	355
6578TQ2/5	2.5	8	7/0.67	NONE	15.3	398
6570/10TQ2/5	2.5	10	7/0.67	NONE	17.7	519
6570/12TQ2/5	2.5	12	7/0.67	WFA303	18.3	650
6570/19TQ2/5	2.5	19	7/0.67	WFB03	21.7	860
6570/27TQ2/5	2.5	27	7/0.67	WFC03	26.3	1220
6570/30TQ2/5	2.5	30	7/0.67	NONE	27.1	1270
6570/37TQ2/5	2.5	37	7/0.67	WFD03	29.5	1610
6571TQ4EY	4	1	7/0.85	WE104	6.9	90
6571TQ4BK	4	1	7/0.85	WF104	6.9	90
6572TQ4	4	2	7/0.85	WF204	12	240
6573TQ4	4	3	7/0.85	WF304	12.7	280
6574TQ4	4	4	7/0.85	WF404	13.9	360
6575TQ4	4	5	7/0.85	WF504	15.3	425
6576TQ4	4	6	7/0.67	WF604	16.5	480
6577TQ4	4	7	7/0.85	WF704	17.7	530
6571TQ6EY	6	1	7/1.04	WE106	7.5	115

Reference	Conductor Size (mm2)	No Of Cores	Stranding(mm)	UKOOA Code	Overall Diameter(mm)	Weight(Kg/Km)
6571TQ6BK	6	1	7/1.04	WF106	7.5	115
6572TQ6	6	2	7/1.04	WF206	13.1	305
6573TQ6	6	3	7/1.04	WF306	13.9	370
6574TQ6	6	4	7/1.04	WF406	15.4	475
6574TQ6	6	5	7/1.04	WF506	16.9	463
6571TQ10	10	1	7/1.35	WF110	9	165
6572TQ10	10	2	7/1.35	WF210	16	470
6573TQ10	10	3	7/1.35	WF310	17.2	595
6574TQ10	10	4	7/1.35	WF410	18.9	745
6571TQ16	16	1	7/1.70	WF116	10.1	230
6572TQ16	16	2	7/1.70	WF216	18.3	655
6573TQ16	16	3	7/1.70	WF316	1935	830
6574TQ16	16	4	7/1.70	WF416	21.7	1045
6571TQ25	25	1	19/1.35	WF125	12.4	380
6572TQ25	25	2	19/1.35	WF225	22.9	1090
6573TQ25	25	3	19/1.35	WF325	24.4	1340
6574TQ25	25	4	19/1.35	WF425	27.1	1680
6571TQ35	35	1	19/1.53	WF135	13.6	490
6572TQ35	35	2	19/1.53	WF235	25.3	1310
6573TQ35	35	3	19/1.53	WF335	27.1	1630
6574TQ35	35	4	19/1.53	WF435	30.1	2130
6571TQ50	50	1	19/1.78	WF150	15.5	640
6572TQ50	50	2	19/1.78	WF250	29	1720
6573TQ50	50	3	19/1.78	WF350	30.9	2210
6574TQ50	50	4	19/1.78	WF450	34.6	2840
6571TQ70	70	1	19/2.14	WF170	17.5	870
6572TQ50EY	70	2	19/2.14	WF270	33.0	2611
6573TQ70	70	3	19/2.14	WF370	35.3	3080
6574TQ70	70	4	19/2.14	WF470	39.2	3950
6571TQ95	95	1	37/1.78	WF195	19.6	1150
6572TQ95	95	2	37/1.78	WF295	36.0	2766
6573TQ95	95	3	37/1.78	WF395	40.3	4060
6574TQ95	95	4	37/1.78	WF495	45.1	5170
6571TQ120	120	1	37/2.03	WF10A	21.4	1440
6572TQ120	120	2	37/2.03	WF20A	40.1	3495
6573TQ120	120	3	37/2.03	WF30A	44.4	5130
6574TQ120	120	4	37/2.03	WF40A	47.0	5725
6571TQ150	150	1	37/2.25	WF10B	23.8	1770
6572TQ150	150	2	37/2.25	WF20B	43.4	4100

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Reference	Conductor Size (mm2)	No Of Cores	Stranding(mm)	UKOOA Code	Overall Diameter(mm)	Weight(Kg/Km)
6573TQ150	150	3	37/2.25	WF30B	46.5	5435
6574TQ150	150	4	37/2.25	WF40B	52.5	7995
6571TQ185	185	1	37/2.52	WF10C	26.3	2200
6572TQ185	185	2	37/2.52	WF20C	48.5	5225
6573TQ185	185	3	37/2.52	WF30C	52.0	6750
6574TQ185	185	4	37/2.52	WF40c	57.5	9885
6571TQ240	240	1	61/2.25	WF10D	29.5	2780
6572TQ240	240	2	61/2.25	WF20D	55.5	6900
6573TQ240	240	3	61/2.25	WF30D	59.5	9857
6574TQ240	240	4	61/2.25	WF40D	66.5	12795
6571TQ300	300	1	61/2.52	WF10E	32.6	3450
6571TQ400	400	1	91/2.36	WF10F	36.7	4400
6571TQ500	500	1	91/2.65	WF10G	40.5	5600
6571TQ630EY	630	1	127/2.52	WF10H	44.4	6910

NEK606 MARINE CABLEMARINE CABLE - ELECTRICAL PROPERT

NOMINAL CROSS SECTIONAL AREA	CONTINUOUS CURRENT RATING			
(MM^2)	SINGLE CORE	2 CORE	3 AND 4 CORE	5 CORE
0.8	14	11.00	9	8.00
1.0	18	15.00	13	11.00
2	23	20.00	16	13.00
3	30	26.00	21	18.00
4	40	34.00	28	23.00
6.00	52.00	44.00	36.00	30.00
10	72	61	50	42
16	96	82.00	67	56.00
25	127	108.00	89	74.00
35	157	133.00	110	92.00

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