

6591TQ Marine Cable & Offshore Cable, UKOOA - 6mm-630mm



Description

6591TQ Marine and offshore 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.

Key Features



Voltage Rating
600/1000 Volts



Minimum Bending Radius
6 x overall diameter



Flame Retardancy
BS EN/IEC 60332-3-22



Temperature Limits
Temperature Range: -40 to 90°C

Core Colours



UKOOA Cable Identifier

Standards

- BS6883
- IEC 61034-1
- IEC/EN 60754-1/2
- BS EN/IEC 60228
- IEC 60331-21
- BS EN/IEC 60332-2-22
- BS EN/IEC 60332-2

Construction

- **Conductor:** Class 2 stranded tinned copper
- **Insulation:** Ethylene Propylene Rubber (EPR)
- **Inner Sheath:** SW4 Low smoke zero Halogen (LSZH)
- **Armour:** Tinned Phosphorous Bronze Wire Braid (TPBWB)
- **Outer Sheath:** SW4 Low smoke zero Halogen (LSZH)

QA Lab

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. Where applicable, cables are independently tested and certified by BASEC to ensure full compliance.



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.

ecovadis

6591TQ Marine Cable & Offshore Cable, UKOOA - 6mm-630mm - Dimensions

Reference	Conductor Size (mm ²)	No Of Cores	Stranding(mm)	UKOOA Code	Overall Diameter(mm)	Weight(Kg/Km)
6591TQ6	6	1	7/1.04	WA106	11	245
6591TQ10	10	1	7/1.35	WA110	13.4	320
6591TQ16	16	1	7/1.70	WA116	14.5	395
6591TQ25	25	1	19/1.35	WA125	17.3	565
6591TQ35	35	1	19/1.53	WA135	18.4	740
6591TQ50	50	1	19/1.78	WA150	20.3	940
6591TQ70	70	1	19/2.14	WA170	22.7	1270
6591TQ95	95	1	37/1.78	WA195	25	1600
6591TQ120	120	1	37/2.03	WA10A	27.2	1930
6591TQ150	150	1	37/2.25	WA10B	29.5	2330
6591TQ185	185	1	37/2.52	WA10C	33.1	3000
6591TQ240	240	1	61/2.25	WA10D	36.6	3710
6591TQ300	300	1	61/2.52	WA10E	40	4480
6591TQ400	400	1	91/2.36	WA10F	43.9	5340
6591TQ500	500	1	91/2.65	WA10G	48.1	6540
6591TQ630	630	1	127/2.52	WA10H	52.3	8000



CENELEC



NEK606 MARINE CABLE MARINE CABLE - ELECTRICAL PROPERTIES

NOMINAL CROSS SECTIONAL AREA	CONTINUOUS CURRENT RATING			
	(MM ²)	SINGLE CORE	2 CORE	3 AND 4 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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