

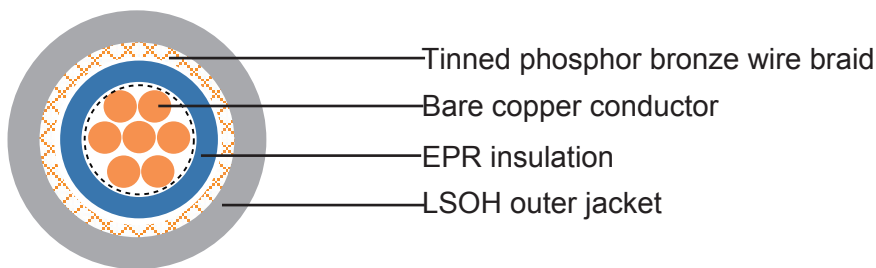


6591TQ to BS 6883

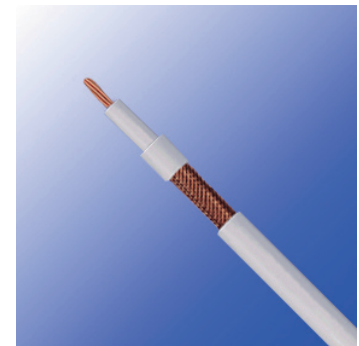
Application and Description

These cables are designed for use in offshore applications where mechanical protection is not required. Examples of application include fixed wiring in ships and fixed offshore drilling rigs and oil platforms.

Cable Construction



6591TQ



6591TQ

- Fine bare copper strands
- Stranding to BS 6360 CL-2 or IEC 60228 CL-2
- EPR(Ethylene Propylene Rubber) rubber insulation to BS 7655
- TPBWB (Tinned phosphor bronze wire braid) non-magnetic armour
- LSOH (Low Smoke Zero Halogen), type SW4 to BS 7655

Core Identification

1 core: Black or red

Technical Characteristics

- Working voltage: 600/1000 volts
- Test voltage: 3500 volts
- Minimum bending radius: up to 10mm² - 3xOverall diameter
10mm²-25mm² - 4xOverall diameter
Above 25mm² - 6xOverall diameter
- Temperature Range: -25° C to +85° C
- Oxygen Index 32%, HCL 5%
- Flame retardant: IEC 60332.3



Cable Parameter

AWG (No of Strands/ Strand Diameter)	No. of Cores x Nominal Cross Sectional Area #xmm ²	Nominal Thickness of Insulation mm	Nominal Thickness of Bedding mm	Diameter of Braid Wire mm	Nominal Thickness of Sheath mm	Nominal Overall Diameter mm	Nominal Weight kg/km
17(7/26)	1x1.0	0.8	1	0.3	1.1	8.8	135
16(7/24)	1x1.5	0.8	1	0.3	1.1	9.3	145
14(7/22)	1x2.5	0.8	1	0.3	1.1	9.8	165
12(7/20)	1x4	1.0	1	0.3	1.1	10.8	190
10(7/18)	1x6	1.0	1	0.3	1.1	11.4	225
8(7/16)	1x10	1.0	1.1	0.3	1.2	13.1	315
6(7/14)	1x16	1.0	1.1	0.3	1.2	14.2	395
4(7/12)	1x25	1.2	1.2	0.3	1.3	16.7	565
2(7/10)	1x35	1.2	1.2	0.3	1.4	17.8	670
1(19/13)	1x50	1.4	1.3	0.3	1.4	19.7	865
2/0(19/11)	1x70	1.4	1.4	0.3	1.5	22.1	1120
3/0(19/10)	1x95	1.6	1.4	0.3	1.6	24.4	1440
4/0(37/12)	1x120	1.6	1.5	0.3	1.7	26.6	1780
300MCM (37/11)	1x150	1.8	1.6	0.3	1.8	28.9	2120
350MCM (37/10)	1x185	2	1.7	0.45	1.9	32.5	2700
500MCM (61/11)	1x240	2.2	1.8	0.45	2.0	36	3410
-(61/10)	1x300	2.4	1.9	0.45	2.1	39.4	4180
-(61/9)	1x400	2.6	2.1	0.45	2.3	43.9	5280
-(61/8)	1x500	2.8	2.2	0.45	2.5	48.1	6480
-(127/10)	1x630	2.8	2.3	0.45	2.6	52.3	7820