



### 6591TQ TPBWB Cable BS6883 Type SW4

- Applications:** Fixed installations in all areas and on open deck in ships and offshore units. Wiring of ships, oil rigs and other fixed term wiring applications where a heat, oil and flame retardant cable is required.
- Conductor:** Tinned annealed stranded copper
- Armour:** TPBWB (Tinned phosphor bronze wire braid) non-magnetic
- Insulation:** EPR (Ethylene Propylene Rubber), white insulated
- Sheath/Jacket:** Low Smoke Zero Halogen (ZHAL), type: SW4
- Colour:** Black
- Operating Temperature:** Maximum 85°C, minimum bending -25°C
- Voltage:** 600/1000v
- Standards:** BS6883: shipboard cable,  
BSEN60228:2005 (previously BS6360): specification for electrical conductors in insulated cable,  
BS7655-1.2 & BS7655-2.6: specifications for cable insulation, 6591TQ



Size sq.mm	Max diam over conductor mm	RT of insulation mm	Diam over core mm	RT of bedding mm	Diam over bedding mm	Diam of braid wire mm	Diam over braid mm	Nominal overall diam mm	Weight kg/km	BATT part no
1	1.20	0.8	2.8	1.0	5.2	0.3	6.7	8.8	145	-
1.5	1.50	0.8	3.1	1.0	5.5	0.3	7.0	9.3	155	-
2	2.01	0.8	3.6	1.0	6.0	0.3	7.5	9.8	175	-
4	2.55	1.0	4.6	1.0	6.9	0.3	8.4	10.8	205	-
6	3.12	1.0	5.2	1.0	7.5	0.3	9.0	11.4	235	-
10	4.05	1.0	6.5	1.0	9.0	0.3	10.5	13.1	330	-
16	5.10	1.0	7.5	1.0	10.1	0.3	11.6	14.2	405	67409
25	6.75	1.2	9.6	1.2	12.4	0.3	13.9	16.7	465	-
35	7.65	1.2	10.5	1.2	13.3	0.3	14.8	17.8	635	67781
50	8.90	1.4	12.1	1.4	15.2	0.3	16.7	19.7	820	-
70	10.70	1.4	13.9	1.4	17.2	0.3	18.7	22.1	1060	-
95	12.46	1.6	16.1	1.6	19.3	0.3	20.8	24.4	1370	-
120	14.21	1.6	17.8	1.6	21.4	0.3	22.9	26.6	1650	67798
150	15.75	1.8	19.8	1.8	23.5	0.3	25.0	28.9	2010	-
185	17.64	2.0	22.0	2.0	26.0	0.45	28.3	32.5	2570	67159
240	20.25	2.2	25.0	2.2	29.2	0.45	31.5	36.0	3250	67655
300	22.68	2.4	27.9	2.4	32.3	0.45	34.6	39.4	4000	67706
400	26.66	2.6	32.2	2.6	36.4	0.45	38.7	43.9	5340	-
500	29.15	2.8	35.2	2.8	40.2	0.45	42.5	48.1	6540	-
630	32.76	2.8	38.8	2.8	44.1	0.45	46.4	52.3	8000	-