



657TQ BS6883 Type SW4

Applications: Fixed wiring in ships and on mobile and fixed offshore units
Conductor: Tinned annealed stranded copper
Core Identification: White cores with black numbers
Insulation: EPR (Ethylene Propylene Rubber)
Sheath/Jacket: Low Smoke Zero Halogen (ZHAL), type: SW4
Colour: Black or Green/Yellow (Single core only)
Voltage: 600/1000v
Operating Temperature: Maximum 85°C, minimum bending -25°C
Bending Radius: Up to 10mm 3 x OD, 10-25mm 4 x OD, Above 25mm 6 x OD
Standards: BS6883: shipboard cable, BSEN60228:2005 (previously BS6360): specification for electrical conductors in insulated cable



Single Core: Ref 6571TQ

Size sq.mm	Maximum diameter over conductor mm	RT of insulation mm	Nominal diameter over core mm	Nominal overall diameter mm	Weight kg/km	BATT part no
1.0	1.20	0.8	2.8	5.2	35	-
1.5	1.50	0.8	3.1	5.5	42	10308
2.5	2.01	0.8	3.6	6.0	57	10076
4	5.55	1.0	4.6	6.9	82	10288
6	3.12	1.0	5.2	7.5	105	10261
10	4.05	1.0	6.5	9.0	165	10305
16	5.10	1.0	7.5	10.1	230	10262
25	6.75	1.2	9.6	12.4	360	10043
35	7.65	1.2	10.5	13.3	425	10047
50	8.90	1.4	12.1	15.2	570	10278
70	10.70	1.4	13.9	17.2	785	10127
95	12.46	1.6	16.1	19.3	1060	10265
120	14.21	1.8	17.8	21.4	1300	10275
150	15.75	1.8	19.8	23.5	1600	10270
185	17.64	2.0	22.0	26.0	1990	10316
240	20.25	2.2	25.0	29.2	2580	-
300	22.68	2.4	27.9	32.3	3210	10182
400	26.66	2.6	32.2	36.4	4380	10230
500	29.15	2.8	35.2	40.2	5470	10272
630	32.76	2.8	38.8	44.1	6800	10169

Two Core: Ref 6572TQ

Size sq.mm	Nominal diameter over laid up cores mm	Nominal overall diameter mm	Weight kg/km	BATT part no
1.0	5.6	8	84	10080
1.5	6.2	8.6	105	10187
2.5	7.2	9.8	145	10083
4	9.2	12	225	10013
6	10.4	13.1	285	10313
10	13	16	445	10210
16	15	18.3	630	10039
25	19.2	22.9	965	10086
35	21	24.7	1140	10052
50	24.2	28.4	1520	-
70	27.8	32.3	2070	10053
95	32.2	37	2810	10057
120	35.6	40.8	3410	10194
150	39.6	45.1	4220	-
185	44	50	5240	-
240	50	56.6	67800	-
300	55.8	62.7	8430	-

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Three Core: Ref 6573TQ

Size sq.mm	Nominal diameter over laid up cores mm	Nominal overall diameter mm	Weight kg/km	BATT part no
1.0	6.2	8.4	100	10279
1.5	6.9	9.3	130	10063
2.5	7.9	10.4	180	10006
4	10.1	12.7	270	10126
6	11.4	13.9	350	10008
10	14.2	17.2	565	10106
16	16.4	19.5	795	10007
25	20.8	24.4	1240	10073
35	22.8	26.5	1480	10122
50	26.2	30.3	1960	10090
70	30.1	34.7	2700	10094
95	34.8	39.7	3680	10269
120	38.5	43.8	4490	10102
150	42.8	48.4	5550	-
185	47.5	53.9	6910	-
240	54.0	61.1	8980	-
300	60.2	67.6	11170	-

Four Core: Ref 6574TQ

Size sq.mm	Nominal diameter over laid up cores mm	Nominal overall diameter mm	Weight kg/km	BATT part no
1.0	7	9.3	145	10317
1.5	7.8	10.1	155	10118
2.5	9	11.4	215	10176
4	11.4	13.9	335	10276
6	12.9	15.4	445	10165
10	16	18.9	700	10282
16	18.4	21.7	1010	10310
25	23.5	25.8	1570	10107
35	25.7	27.8	1880	10304
50	29.5	32	2510	-
70	33.9	36.2	3490	10314
95	39.2	42.1	4780	-
120	43.4	45.8	5830	-
150	48	50.5	7210	-
185	53.4	56.2	8960	-
240	60.7	65.8	11660	-
300	67.7	73.5	14530	-

Five Core: 6575TQ

Size sq.mm	Nominal diameter over laid up cores mm	Nominal overall diameter mm	Weight kg/km	BATT part no
1.5	8.7	11	185	10290
2.5	10.0	12.6	265	-
4	12.7	15.3	410	-

Six Core: 6576TQ

Size sq.mm	Nominal diameter over laid up cores mm	Nominal overall diameter mm	Weight kg/km	BATT part no
1.5	9.6	12.2	220	10311
2.5	11.1	13.7	315	-
4	14.1	16.7	475	10241



Eight Core: 6578TQ

Size sq.mm	Nominal diameter over laid up cores mm	Nominal overall diameter mm	Weight kg/km	BATT part no
1.5	10.5	13.3	295	10312
2.5	12.3	15.3	398	10173
4	15.4	18.5	606	-

Ten Core: 657/10TQ

Size sq.mm	Nominal diameter over laid up cores mm	Nominal overall diameter mm	Weight kg/km	BATT part no
1.5	12.6	16.2	260	10069
2.5	14.6	17.7	519	10271
4	18.4	21.7	800	-

Twelve Core: 657/12TQ

Size sq.mm	Nominal diameter over laid up cores mm	Nominal overall diameter mm	Weight kg/km	BATT part no
1.5	13.1	16.7	405	10146
2.5	15.2	18.8	603	10274
4	19.1	22.6	838	-

Sixteen Core: 657/20TQ

Size sq.mm	Nominal diameter over laid up cores mm	Nominal overall diameter mm	Weight kg/km	BATT part no
1.5	14.8	17.9	482	10252
2.5	17.2	20.5	694	-

Twenty Core: 657/20TQ

Size sq.mm	Nominal diameter over laid up cores mm	Nominal overall diameter mm	Weight kg/km	BATT part no
1.5	16.8	20.1	597	-
2.5	19.5	23	875	-

Twenty Four Core: 657/24TQ

Size sq.mm	Nominal diameter over laid up cores mm	Nominal overall diameter mm	Weight kg/km	BATT part no
1.5	18.8	22.3	725	-
2.5	21.9	25.6	1046	-

Thirty Core: 6857/30TQ

Size sq.mm	Nominal diameter over laid up cores mm	Nominal overall diameter mm	Weight kg/km	BATT part no
1.5	20.1	23.6	873	10289
2.5	23.4	27.1	1270	-