



## 658TQ Armoured Cable BS6883 600/1000V Type SW4

<b>Applications:</b>	Fixed installations in all areas and on open decks in ships and offshore units
<b>Conductor:</b>	Tinned annealed stranded copper – class 2
<b>Core Identification:</b>	White cores with black numbers
<b>Insulation:</b>	EPR (Ethylene Propylene Rubber)
<b>Sheath/Jacket:</b>	Low Smoke Zero Halogen (ZHAL), type: SW4
<b>Colour:</b>	Black
<b>Voltage:</b>	600/1000v
<b>Operating Temperature:</b>	Maximum 90°C, minimum bending -25°C
<b>Bending Radius:</b>	6 x overall diameter
<b>Standards:</b>	BS6883: shipboard cable, BSEN60228:2005 (previously BS6360): specification for electrical conductors in insulated cable, BS7655-1.2 & BS7655-2.6: specifications for cable insulation Flame retardant: BS EN 50266-2-2 Category A/F, IEC 60332-3-22 Smoke emission: BS EN 61034-2, IEC 61034-2 Gases evolved during combustion: BS EN 50267-2-1, IEC 60754-1: ≤ 0,5 % acid gas



### Two Core: 6582TQ Galvanised Steel Wire Braid

Size sq.mm	Nom diam over laid up cores	RT of bedding mm	Nom diam over bedding mm	Diam of braid wire mm	Diam over braid mm	Nom overall diameter in mm	Weight kg/km	BATT part no
1	5.6	1.0	8.0	0.3	9.5	12.1	230	67150
1.5	6.2	1.1	8.6	0.3	10.1	12.7	250	67343
2.5	7.2	1.1	9.8	0.3	11.3	13.9	305	67061
4	9.2	1.2	12.0	0.3	13.5	16.3	420	67130
6	10.4	1.2	13.1	0.3	14.6	17.6	515	67008
10	13.0	1.3	16.0	0.3	17.5	20.7	725	67110
16	15.0	1.4	18.3	0.3	19.8	23.4	975	67115
25	19.2	1.5	22.9	0.3	24.4	28.1	1340	67158
35	21.0	1.6	24.7	0.3	26.2	30.1	1540	67737
50	24.2	1.7	28.4	0.45	30.6	35.1	2140	-
70	27.8	1.9	32.3	0.45	34.6	39.3	2820	67166
95	32.2	2.1	37.0	0.45	39.3	44.4	3690	67147
120	35.6	2.2	40.8	0.45	43.1	48.5	4380	-
150	39.6	2.3	45.1	0.45	47.4	53.4	5360	-
185	44.0	2.5	50.0	0.45	52.3	58.8	6550	-
240	50.0	2.8	56.6	0.45	58.9	65.8	8310	-
300	55.8	3.0	62.7	0.45	65.0	72.7	10200	-

### Three Core: 6583TQ Galvanised Steel Wire Braid

Size sq.mm	Nom diam over laid up cores	RT of bedding mm	Nom diam over bedding mm	Diam of braid wire mm	Diam over braid mm	Nom overall diameter in mm	Weight kg/km	BATT part no
1	6.2	1.1	8.4	0.3	9.9	12.5	245	-
1.5	6.9	1.1	9.3	0.3	10.8	13.4	280	67401
2.5	7.9	1.1	10.4	0.3	11.9	14.7	360	67575
4	10.1	1.2	12.7	0.3	14.2	17.0	475	67576
6	11.4	1.2	13.9	0.3	15.4	18.4	586	67612
10	14.2	1.3	17.2	0.3	18.7	22.1	860	67605
16	16.4	1.4	19.5	0.3	21.0	24.6	1150	67134
25	20.8	1.6	24.4	0.3	25.9	29.8	1640	67609
35	22.8	1.7	26.5	0.3	28.8	33.1	2030	67118
50	26.2	1.8	30.3	0.45	32.6	37.2	2640	67611
70	30.1	2.0	34.7	0.45	37.0	41.9	3480	67719
95	34.8	2.2	39.7	0.45	42.0	47.6	4650	67152
120	38.5	2.3	43.8	0.45	46.1	52.0	5540	67675
150	42.8	2.5	48.4	0.45	50.7	57.9	6770	67154
185	47.5	2.7	53.9	0.45	56.2	62.9	8310	67608
240	54.0	2.9	61.1	0.45	63.4	70.6	10680	-
300	60.2	3.2	67.6	0.45	69.9	77.9	13100	-



**Four Core: 6584TQ Galvanised Steel Wire Braid**

Size sq.mm	Nom diam over laid up cores	RT of bedding mm	Nom diam over bedding mm	Diam of braid wire mm	Diam over braid mm	Nom overall diameter in mm	Weight kg/km	BATT part no
1	7.0	1.1	9.3	0.3	10.8	13.4	300	-
1.5	7.8	1.1	10.1	0.3	11.6	14.2	320	67006
2.5	9.0	1.1	11.4	0.3	12.9	15.7	410	67119
4	11.4	1.2	13.9	0.3	15.4	18.4	570	67125
6	12.9	1.3	15.4	0.3	16.9	20.1	720	67132
10	16.0	1.4	18.9	0.3	20.4	24.0	1050	67699
16	18.4	1.5	21.7	0.3	23.2	26.9	1410	67613
25	23.5	1.7	25.8	0.3	28.1	33.6	2160	67615
35	25.7	1.8	27.8	0.3	30.1	36.1	2510	67135
50	29.5	1.9	32.0	0.45	34.3	41.0	3290	67136
70	33.9	2.1	36.1	0.45	38.5	46.1	4410	67142
95	39.2	2.3	42.1	0.45	44.4	52.6	5880	67143
120	43.4	2.5	45.8	0.45	48.1	57.4	7050	67718
150	48.0	2.7	50.5	0.45	52.8	63.1	8620	67703
185	53.4	2.9	56.1	0.45	58.5	69.6	10620	67614
240	60.7	3.2	65.8	0.45	68.1	78.3	13580	-
300	67.7	3.5	73.5	0.45	75.8	82.6	16760	-

**Five Core: 6585TQ Galvanised Steel Wire Braid**

Size sq.mm	Nom diam over laid up cores	RT of bedding mm	Nom diam over bedding mm	Diam of braid wire mm	Diam over braid mm	Nom overall diameter in mm	Weight kg/km	BATT part no
1.5	8.7	0.8	11.0	0.3	12.7	15.6	370	68345
2.5	10.0	0.8	12.6	0.3	14.3	17.4	470	-
4	12.7	1.0	15.3	0.3	17.0	20.3	680	-

**Six Core: 6586TQ Galvanised Steel Wire Braid**

Size sq.mm	Nom diam over laid up cores	RT of bedding mm	Nom diam over bedding mm	Diam of braid wire mm	Diam over braid mm	Nom overall diameter in mm	Weight kg/km	BATT part no
1.5	9.6	1.2	12.2	0.3	13.9	17.0	420	67157
2.5	11.1	1.2	13.7	0.3	15.4	18.5	545	67471
4	14.1	1.3	16.7	0.3	18.4	21.7	765	67016

**Seven Core: 6587TQ Galvanised Steel Wire Braid**

Size sq.mm	Nom diam over laid up cores	RT of bedding mm	Nom diam over bedding mm	Diam of braid wire mm	Diam over braid mm	Nom overall diameter in mm	Weight kg/km	BATT part no
1.5	-	1.2	-	0.3	-	-	-	67404
2.5	-	1.2	-	0.3	-	-	-	67709
4	-	1.3	-	0.3	-	-	-	-

**Eight Core: 6588TQ Galvanised Steel Wire Braid**

Size sq.mm	Nom diam over laid up cores	RT of bedding mm	Nom diam over bedding mm	Diam of braid wire mm	Diam over braid mm	Nom overall diameter in mm	Weight kg/km	BATT part no
1.5	10.5	1.2	13.3	0.3	15.0	18.1	545	67767
2.5	12.3	1.3	15.5	0.3	17.2	20.5	735	67846
4	15.4	1.4	18.5	0.3	20.2	23.7	1000	-



**Ten Core: 658/10TQ Galvanised Steel Wire Braid**

Size sq.mm	Nom diam over laid up cores	RT of bedding mm	Nom diam over bedding mm	Diam of braid wire mm	Diam over braid mm	Nom overall diameter in mm	Weight kg/km	BATT part no
1.5	12.6	1.3	16.2	0.3	17.9	21.2	640	-
2.5	14.6	1.4	17.7	0.3	19.4	22.9	902	-
4	18.4	1.5	21.7	0.3	23.4	27.1	1170	-

**Twelve Core: 658/12TQ Galvanised Steel Wire Braid**

Size sq.mm	Nom diam over laid up cores	RT of bedding mm	Nom diam over bedding mm	Diam of braid wire mm	Diam over braid mm	Nom overall diameter in mm	Weight kg/km	BATT part no
1.5	13.1	1.3	16.7	0.3	18.4	21.7	685	67782
2.5	15.2	1.4	18.8	0.3	20.5	24.0	919	67704
4	19.1	1.6	22.6	0.3	24.3	28.2	1240	67230

**Sixteen Core: 658/16TQ Galvanised Steel Wire Braid**

Size sq.mm	Nom diam over laid up cores	RT of bedding mm	Nom diam over bedding mm	Diam of braid wire mm	Diam over braid mm	Nom overall diameter in mm	Weight kg/km	BATT part no
1.5	14.8	1.4	17.9	0.3	19.6	23.1	791	-
2.5	17.2	1.5	20.5	0.3	22.2	25.9	840	-

**Nineteen Core: 658/19TQ Galvanised Steel Wire Braid**

Size sq.mm	Nom diam over laid up cores	RT of bedding mm	Nom diam over bedding mm	Diam of braid wire mm	Diam over braid mm	Nom overall diameter in mm	Weight kg/km	BATT part no
1.5	15.7	1.4	18.7	0.3	2.4	23.9	871	67175
2.5	18.3	1.5	21.5	0.3	23.2	26.9	1190	67834

**Twenty One Core: 658/21TQ Galvanised Steel Wire Braid**

Size sq.mm	Nom diam over laid up cores	RT of bedding mm	Nom diam over bedding mm	Diam of braid wire mm	Diam over braid mm	Nom overall diameter in mm	Weight kg/km	BATT part no
1.5	16.8	1.5	20.0	0.3	21.7	25.4	984	-
2.5	19.5	1.6	22.9	0.3	24.6	28.5	1320	-

**Twenty Four Core: 658/24TQ Galvanised Steel Wire Braid**

Size sq.mm	Nom diam over laid up cores	RT of bedding mm	Nom diam over bedding mm	Diam of braid wire mm	Diam over braid mm	Nom overall diameter in mm	Weight kg/km	BATT part no
1.5	18.8	1.6	22.3	0.3	24.0	27.9	1130	-
2.5	21.9	1.7	25.6	0.45	28.1	32.2	1650	-

**Twenty Seven Core: 658/27TQ Galvanised Steel Wire Braid**

Size sq.mm	Nom diam over laid up cores	RT of bedding mm	Nom diam over bedding mm	Diam of braid wire mm	Diam over braid mm	Nom overall diameter in mm	Weight kg/km	BATT part no
1.5	19.3	1.6	22.7	0.3	24.4	28.3	1210	67018
2.5	22.4	1.7	26.0	0.45	28.5	32.6	1760	67459