

# 658TQ Cable

## Application

Designed for use in offshore environments where mechanical protection is required eg. for fixed wing in ships, drilling rigs and oil platforms.

## Technical Information

<b>Conductor Stranding:</b>	Class 2 - stranded tinned annealed copper IEC 60228/BS 6360
<b>Insulation:</b>	EPR (Ethylene Propylene Rubber)
<b>Armour:</b>	GSWB (Galvanized steel wire braid)
<b>Sheath/Jacket:</b>	Low Smoke Halogen Free (LSHF) • <b>Type:</b> SW4
<b>Sheath Colour:</b>	Black
<b>Ref:</b>	658TQ
<b>Standard:</b>	BS 6883
<b>Voltage:</b>	600/1000V
<b>Operating Temperature:</b>	Maximum: 85°C • Minimum Bending: -25°C

## Conductor Identification

White cores with black numbers

Size mm <sup>2</sup>	Nominal diameter over laid up cores mm	Nominal diameter over bedding mm	Diameter of braid wire mm	Nominal overall diameter mm	Weight kg/km
----------------------	--	----------------------------------	---------------------------	-----------------------------	--------------

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

1.0	5.6	8.0	0.3	12.1	230
1.5	6.2	8.6	0.3	12.7	250
2.5	7.2	9.8	0.3	13.9	305
4	9.2	12.0	0.3	16.3	420
6	10.4	13.1	0.3	17.6	515
10	13.0	16.0	0.3	20.7	725
16	15.0	18.3	0.3	23.4	975
25	19.2	22.9	0.3	28.1	1,340
35	21.0	24.7	0.3	30.1	1,540
50	24.2	28.4	0.45	35.1	2,140
70	27.8	32.3	0.45	39.3	2,820
95	32.2	37.0	0.45	44.4	3,690
120	35.6	40.8	0.45	48.5	4,380
150	39.6	45.1	0.45	53.4	5,360
185	44.0	50.0	0.45	58.8	6,550
240	50.0	56.6	0.45	65.8	8,310
300	55.8	62.7	0.45	72.7	10,200

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

1.0	6.2	8.4	0.3	12.5	245
1.5	6.9	9.3	0.3	13.4	280
2.5	7.9	10.4	0.3	14.7	360
4	10.1	12.7	0.3	17.0	475
6	11.4	13.9	0.3	18.4	586

658TQ Cable



# 658TQ Cable

Size mm <sup>2</sup>	Nominal diameter over laid up cores mm	Nominal diameter over bedding mm	Diameter of braid wire mm	Nominal overall diameter mm	Weight kg/km
----------------------	--	----------------------------------	---------------------------	-----------------------------	--------------

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

10	14.2	17.2	0.3	22.1	860
16	16.4	19.5	0.3	24.6	1,150
25	20.8	24.4	0.3	29.8	1,640
35	22.8	26.5	0.45	33.1	2,030
50	26.2	30.3	0.45	37.2	2,640
70	30.1	34.7	0.45	41.9	3,480
95	34.8	39.7	0.45	47.6	4,650
120	38.5	43.8	0.45	52.0	5,540
150	42.8	48.4	0.45	57.9	6,770
185	47.5	53.9	0.45	62.9	8,310
240	54.0	61.1	0.45	70.6	10,680
300	60.2	67.6	0.45	77.9	13,100

### 6584TQ Galvanised Steel Wire Braid - Four Core

1.0	7.0	9.3	0.3	13.4	300
1.5	7.8	10.1	0.3	14.2	320
2.5	9.0	11.4	0.3	15.7	410
4	11.4	13.9	0.3	18.4	570
6	12.9	15.4	0.3	20.1	720
10	16.0	18.9	0.3	24.0	1,050
16	18.4	21.7	0.3	26.9	1,410
25	23.5	25.8	0.45	33.6	2,160
35	25.7	27.8	0.45	36.1	2,510
50	29.5	32.0	0.45	41.0	3,290
70	33.9	36.1	0.45	46.1	4,410
95	39.2	42.1	0.45	52.6	5,880
120	43.4	45.8	0.45	57.4	7,050
150	48.0	50.5	0.45	63.1	8,620
185	53.4	56.1	0.45	69.6	10,620
240	60.7	65.8	0.45	78.3	13,580
300	67.7	73.5	0.45	82.6	16,760

### 6585TQ Galvanised Steel Wire Braid - Five Core

1.5	8.7	11.0	0.3	15.6	370
2.5	10.0	12.6	0.3	17.4	470
4	12.7	15.3	0.3	20.3	680

### 6586TQ Galvanised Steel Wire Braid - Six Core

1.5	9.6	12.2	0.3	17.0	420
2.5	11.1	13.7	0.3	18.5	545
4	14.1	16.7	0.3	21.7	765

Size mm <sup>2</sup>	Nominal diameter over laid up cores mm	Nominal diameter over bedding mm	Diameter of braid wire mm	Nominal overall diameter mm	Weight kg/km
<b>6588TQ Galvanised Steel Wire Braid - Eight Core</b>					
1.5	10.5	13.3	0.3	18.1	545
2.5	12.3	15.5	0.3	20.5	735
4	15.4	18.5	0.3	23.7	1,000
<b>65812TQ Galvanised Steel Wire Braid - Twelve Core</b>					
1.5	13.1	16.7	0.3	21.7	685
2.5	15.2	18.8	0.3	24.0	919
4	19.1	22.6	0.3	28.2	1,240
<b>65816TQ Galvanised Steel Wire Braid - Sixteen Core</b>					
1.5	14.8	17.9	0.3	23.1	791
2.5	17.2	20.5	0.3	25.9	840
<b>65820TQ Galvanised Steel Wire Braid - Nineteen Core</b>					
1.5	15.7	18.7	0.3	23.9	871
2.5	18.3	21.5	0.3	26.9	1,190
<b>65821TQ Galvanised Steel Wire Braid - Twenty One Core</b>					
1.5	16.8	20.0	0.3	25.4	984
2.5	19.5	22.9	0.3	28.5	1,320
<b>65824TQ Galvanised Steel Wire Braid - Twenty Four Core</b>					
1.5	18.8	22.3	0.3	27.9	1,130
2.5	21.9	25.6	0.45	32.2	1,650
<b>65827TQ Galvanised Steel Wire Braid - Twenty Seven Core</b>					
1.5	19.3	22.7	0.3	28.3	1,210
2.5	22.4	26.0	0.45	32.6	1,760