



CONSTRUCTION :

Conductor: Tinned copper conductor
 Insulation: Ethylene propylene rubber (EPR)
 Sheath: Low smoke zero halogen (LSZH) SW4
 Sheath Colour: Multi core available in Black; Single core available in Black or Green/Yellow

APPLICATION :

This range of Cable is 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

TECHNICAL DATA :

Voltage: 600/1000V
 Operating Temperature Range: -40oC to 85oC
 HCL Emission: <5%.
 Cable to BS6883 1969
 Conductor: BS6360
 Insulation: BS6899
 Sheath: BS6899

CORE IDENTIFICATION :

White cores with black numbers.

657 TQ Single Core Type Unarmoured Shipwiring Cable to BS 6883

Core and Size mm sq	Stranding (Number of Strand/Strand Diameter	Nominal Thickness of Insulation mm	Nominal Thickness of Sheath mm	Nominal Overall Diameter. mm	Approx. Weight kg/km	Gland Size
1X1.0	7/0.40	0.8	1.0	5.20	41	20/16
1X1.5	7/0.50	0.8	1.0	5.50	47	20/16
1X2.5	7/0.67	0.8	1.0	6.00	55	20/16
1X4.0	7/0.85	1.0	1.0	6.90	84	20/16
1X6.0	7/1.04	1.0	1.0	7.50	110	20/16
1X10.0	7/1.35	1.2	1.1	9.00	165	20S
1X16.0	7/1.70	1.2	1.1	10.01	235	20S

1X25.0	19/1.35	1.4	1.2	12.40	375	20
1X35.0	19/1.53	1.4	1.2	13.30	460	20
1X50.0	19/1.78	1.6	1.3	15.20	670	25
1X70.0	19/2.14	1.6	1.4	17.20	835	25
1X95.0	37/1.78	1.8	1.4	19.30	1200	25
1X120.0	37/2.03	1.8	1.5	21.40	1410	32
1X150.0	37/2.25	2.0	1.6	23.50	1890	32
1X185.0	37/2.52	2.2	1.7	26.00	2360	40
1X240.0	61/2.25	2.4	1.8	29.20	3050	40
1X300.0	61/2.52	2.6	1.9	32.30	3700	50S
1X400.0	91/2.52	2.8	2.1	36.40	4400	50
1X500.0	91/2.65	3.0	2.2	40.20	5360	63S
1X630.0	127/2.52	3.0	2.3	44.10	6660	63S

657 TQ 2 Core Type Unarmoured Shipwiring Cable to BS 6883

2X1.0	7/0.40	0.8	1.0	8.0	85	20/16
2X1.5	7/0.50	0.8	1.0	8.6	115	20S
2X2.5	7/0.67	0.8	1.1	9.8	147	20S
2X4.0	7/0.85	1.0	1.2	12.0	225	20
2X6.0	7/1.04	1.0	1.2	13.1	285	20
2X10.0	7/1.35	1.2	1.3	16.0	440	25
2X16.0	7/1.70	1.2	1.4	18.3	635	32
2X25.0	19/1.35	1.4	1.6	22.9	1020	32
2X35.0	19/1.53	1.4	1.6	24.7	1230	32
2X50.0	19/1.78	1.6	1.8	28.4	1650	40
2X70.0	91/2.14	1.6	1.9	32.3	2200	50S
2X95.0	37/1.78	1.8	2.1	37.0	2940	50S
2X120.0	37/2.03	1.8	2.2	40.8	3680	50
2X150.0	37/2.25	2.0	2.4	45.1	4450	63S
2X185.0	37/2.52	2.2	2.6	50.0	5600	63
2X240.0	61/2.25	2.4	2.8	56.6	7260	75S

2X300.0	61/2.52	2.6	3.0	62.7	9020	75
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657 TQ 3 Core Type Unarmoured Shipwiring Cable to BS 6883

Core and Size mm sq	Stranding (Number of Strand/Strand Diameter)	Nominal Thickness of Insulation mm	Nominal Thickness of Sheath mm	Nominal Overall Diameter. mm	Approx. Weight kg/km	Gland Size
3X1.0	7/0.40	0.8	1.0	8.4	95	20/16
3X1.5	7/0.50	0.8	1.1	9.3	130	20S
3X2.5	7/0.67	0.8	1.1	10.4	175	20S
3X4.0	7/0.85	1.0	1.2	12.7	270	20
3X6.0	7/1.04	1.0	1.2	13.9	355	25
3X10.0	7/1.35	1.2	1.4	17.2	570	25
3X16.0	7/1.70	1.2	1.4	19.5	790	25
3X25.0	19/1.35	1.4	1.6	24.4	1290	32
3X35.0	19/1.53	1.4	1.7	26.5	1590	40
3X50.0	19/1.78	1.6	1.8	30.3	2150	40
3X70.0	19/2.14	1.6	2.0	34.7	2920	50S
3X95.0	37/1.78	1.8	2.2	39.7	3790	50
3X120.0	37/2.03	1.8	2.3	43.8	4790	50
3X150.0	37/2.25	2.0	2.5	48.4	5860	63
3X185.0	37/2.52	2.2	2.7	53.9	7290	63
3X240.0	61/2.25	2.4	3.0	61.1	9500	75
3X300.0	61/2.52	2.6	3.2	67.6	11960	75

657 TQ 4 Core Type Unarmoured Shipwiring Cable to BS 6883

Core and Size mm sq	Stranding (Number of Strand/Strand Diameter)	Nominal Thickness of Insulation mm	Nominal Thickness of Sheath mm	Nominal Overall Diameter. mm	Approx. Weight kg/km	Gland Size
4X1.0	7/0.40	0.8	1.1	9.3	130	20S
4X1.5	7/0.50	0.8	1.1	10.1	160	20S
4X2.5	7/0.67	0.8	1.1	11.4	220	20
4X4.0	7/0.85	1.0	1.2	13.9	345	25
4X6.0	7/1.04	1.0	1.3	15.4	450	25

4X10.0	7/1.35	1.2	1.4	18.9	700	25
4X16.0	7/1.70	1.2	1.5	21.7	1020	25
4X25.0	19/1.35	1.4	1.7	27.1	1630	32
4X35.0	19/1.53	1.4	1.8	29.4	2058	40
4X50.0	19/1.78	1.6	2.0	33.9	2700	40
4X70.0	19/2.14	1.6	2.1	38.5	3730	50S
4X95.0	37/1.78	1.8	2.4	44.5	4960	50
4X120.0	37/2.03	1.8	2.5	48.9	6240	63S
4X150.0	37/2.25	2.0	2.7	54.1	7600	63
4X185.0	37/2.52	2.2	2.9	60.0	9510	75S
4X240.0	64/2.25	2.4	3.2	68.0	12410	75
4X300.0	64/2.52	2.6	3.5	75.7	15200	90

657 TQ 5 Core Type Unarmoured Shipwiring Cable to BS 6883

Core and Size mm sq	Stranding (Number of Strand/Strand Diameter)	Nominal Thickness of Insulation mm	Nominal Thickness of Sheath mm	Nominal Overall Diameter. mm	Approx. Weight kg/km	Gland Size
5X1.0	7/0.40	0.8	1.1	10.1	155	20S
5X1.5	7/0.50	0.8	1.1	11.0	190	20S
5X2.5	7/0.67	0.8	1.2	12.6	280	20
5X4.0	7/0.85	1.0	1.3	15.3	425	25

657 TQ Multicore Type Unarmoured Shipwiring Cable to BS 6883

Core and Size mm sq	Stranding (Number of Strand/Strand Diameter)	Nominal Thickness of Insulation mm	Nominal Thickness of Sheath mm	Nominal Overall Diameter. mm	Approx. Weight kg/km	Gland Size
6X1.0	7/0.40	0.8	1.1	11.1	180	20
6X1.5	7/0.50	0.8	1.2	12.2	240	20
6X2.5	7/0.67	0.8	1.2	13.7	330	25
6X4.0	7/0.85	1.0	1.3	16.7	505	32
7X1.5	7/0.50	0.8	1.2	12.2	260	20

7X2.5	7/0.67	0.8	1.2	14.0	365	25
12X1.5	7/0.50	0.8	1.2	15.9	380	25
12X2.5	7/0.67	0.8	1.2	18.6	589	32
16X1.5	7/0.50	0.8	1.2	17.8	500	25
16X2.5	7/0.67	0.8	1.2	20.9	750	32
19X1.5	7/0.50	0.8	1.2	18.8	590	25
19X2.5	7/0.67	0.8	1.2	22.0	860	32
24X1.5	7/0.50	0.8	1.2	21.8	740	32
24X2.5	7/0.67	0.8	1.2	25.9	1090	32