



658MG-TQ armoured cable BS6883 BS7917

Applications:	For fixed installations in all areas and on open deck in ships and offshore units
Conductor:	Tinned annealed stranded copper
Insulation:	MGT (Mica Glass Tape) with EPR (Ethylene Propylene Rubber), white insulation with black numbers
Armour:	GSWB (Galvanized steel wire braid)
Sheath/Jacket:	Low Smoke Zero Halogen (ZHAL), type: SW4
Colour:	Black
Operating Temperature:	Maximum 90°C, minimum bending -25°C
Voltage:	600/1000v
Standards:	BS6883: shipboard cable, BS7917: fire resistant shipboard cable, IEC60332-3-22: flame retardancy, IEC60754-1 and 2: corrosivity, IEC61034-2: smoke density
UKOOA reference:	YD



Two Core: Ref 6582 MG TQ Fire Resisting

Size sq.mm	Current rating amps	Voltage Drop		Max DC conductor resistance at 20°C OHM/KM	Gross cross sectional area of braid mm ²	Nominal overall diameter mm	UKOOA Part No.	BATT Part No.
		DC MV/A/M	Single phase AC MV/A/M					
1.0	14	54.0	54.0	18.2	6.79	13.9	-	-
1.5	18	35.0	35.0	12.2	6.79	14.6	-	67629
2.5	25	18.0	18.0	7.56	6.79	15.4	-	67146
4	34	12.0	12.0	4.70	6.79	17.7	YD204	67667
6	43	7.8	7.8	3.11	6.79	18.8	YD206	67010
10	60	4.6	4.6	1.84	8.48	20.7	YD210	67266
16	81	2.7	2.7	1.16	10.18	23.4	YD216	67620
25	105	1.7	1.7	0.734	11.88	27.8	-	-
35	135	1.2	1.2	0.529	13.57	29.9	YD235	67622
50	165	0.98	1.0	0.391	26.72	34.6	-	-
70	200	0.68	0.7	0.270	30.54	38.9	-	-
95	250	0.49	0.53	0.195	34.35	44.4	YD295	67653
120	290	0.39	0.43	0.154	34.35	47.8	-	-
150	330	0.31	0.36	0.126	38.17	52.1	-	-
185	370	0.25	0.32	0.100	45.80	57.2	-	-
240	445	0.19	0.27	0.0762	57.26	67.5	-	-
300	505	0.15	0.24	0.0607	62.98	74.2	-	-

Three Core: Ref 6583 MG TQ Fire Resisting

Size sq.mm	Current rating amps	Voltage drop – three phase AC MV/A/M	Max DC conductor resistance at 20°C OHM/KM	Gross cross sectional area of braid mm ²	Nominal overall diameter mm	UKOOA Part No.	BATT Part No.
1.5	15	47.0	18.2	6.79	14.7	-	-
2.5	21	30.0	12.2	6.79	15.2	-	67400
4	29	16.0	7.56	6.79	16.3	-	67625
6	36	10.0	4.7	6.79	18.5	YD304	67626
10	50	6.7	3.11	8.48	19.6	YD306	67632
16	67	4.0	1.84	8.48	22.1	YD310	67624
25	89	2.3	1.16	10.18	24.7	YD316	67053
35	105	1.5	0.734	11.88	29.7	YD325	67677
50	135	1.1	0.529	13.57	32.9	YD335	67742
70	170	0.89	0.391	26.72	36.7	-	-
95	205	0.64	0.270	30.54	41.6	-	-
120	240	0.5	0.195	34.35	47.3	-	-
150	270	0.44	0.154	38.17	50.9	-	-
185	305	0.38	0.126	45.80	55.9	-	-
240	365	0.34	0.1	51.53	61.4	-	-
300	415	0.31	0.0762	62.98	72.1	-	-
		0.29	0.0607	62.98	79.5	-	-

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Four Core: Ref 6584 MG TQ Fire Resisting

Size sq.mm	Current rating amps	Voltage drop – three phase AC MV/A/M	Max DC conductor resistance at 20°C OHM/KM	Gross cross sectional area of braid mm ²	Nominal overall diameter mm	UKOOA Part No.	BATT Part No.
1.5	15	47.0	18.2	6.79	15.6	-	-
2.5	21	30.0	12.2	6.79	16.5	-	67317
4	29	16.0	7.56	6.79	17.4	-	67270
6	36	10.0	4.7	8.48	20.0	YD404	67628
10	50	6.7	3.11	8.48	21.6	YD406	67713
16	67	4.0	1.84	10.18	24.1	YD410	67654
25	89	2.3	1.16	11.88	27.0	YD416	67627
35	105	1.5	0.734	13.57	32.7	YD425	67743
50	135	1.1	0.529	26.72	35.9	-	-
70	170	0.89	0.391	30.54	40.7	-	-
95	205	0.64	0.270	34.35	45.7	-	-
120	240	0.5	0.195	38.17	52.1	-	-
150	270	0.44	0.154	45.80	56.3	YD40A	67651
185	305	0.38	0.126	51.53	61.8	-	-
240	365	0.34	0.1	57.26	67.8	-	-
300	415	0.31	0.0762	62.98	80.0	-	-
		0.29	0.0607	68.71	88.2	-	-

Five – Nineteen Core : Ref 6585-19 MG TQ Fire Resisting

Amount of cores	Size sq.mm	Voltage Drop		Max DC conductor resistance at 20°C OHM/KM	Gross cross sectional area of braid mm ²	Nominal overall diameter mm	UKOOA Part No.	BATT Part No.
		DC MV/A/M	Single phase AC MV/A/M					
5	1.5	12	35	35	12.2	17.5	-	-
7	1.5	10	35	35	12.2	18.8	YD702	67630
12	1.5	8.5	35	35	12.2	23.9	-	67780
19	1.5	7	35	35	12.2	27.4	-	-
27	1.5	6.5	35	35	12.2	32.6	-	-
37	1.5	6	35	35	12.2	36.9	-	-
5	2.5	17	18	18	7.56	18.7	-	-
7	2.5	14	18	18	7.56	20.1	-	67744
12	2.5	12	18	18	7.56	25.8	-	67768
19	2.5	10	18	18	7.56	29.6	YDB03	67207