



657MG-TQ unarmoured BS7917 IEC60332

Applications:	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
Sheath/Jacket:	Low Smoke Zero Halogen (ZHAL), type: SW4
Colour:	Black
Operating Temperature:	Maximum 90°C, minimum bending -25°C
Voltage:	600/1000v
Standards:	BS7917: fire resistant shipboard cable, IEC60332-3-22: flame retardancy, IEC60754-1 and 2: corrosivity, IEC61034-2: smoke density,



Two Core: 6572 MG TQ Fire Resisting

Size sq.mm	Current rating amps	Voltage Drop		Max DC conductor resistance at 20°C OHM/KM	Nominal overall diameter mm	BATT part no
		DC MV/A/M	Single phase AC MV/A/M			
1	14	54	54	18.2	9.4	-
1.5	18	35	35	12.2	10.1	10084
2.5	25	18	18	7.56	10.9	-
4	34	12	12	4.7	13	-
6	43	7.8	7.8	3.11	13.8	-
10	60	4.6	4.6	1.84	15.7	-
16	81	2.7	2.7	1.16	18	-
25	105	1.7	1.7	0.734	22.2	-
35	135	1.2	1.2	0.529	24.1	-
50	165	0.98	1	0.391	27.4	-
70	200	0.68	0.7	0.270	31.5	-
95	250	0.49	0.53	0.195	36.4	-
120	290	0.39	0.43	0.154	39.4	-
150	330	0.31	0.36	0.126	43.4	-
185	370	0.25	0.32	0.1	48.1	-
240	445	0.19	0.27	0.0762	57.7	-
300	505	0.15	0.24	0.0607	63.9	-

Three Core: 6573 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	Nominal overall diameter mm	BATT part no
1	12	47	18.2	10.1	-
1.5	15	30	12.2	10.8	10100
2.5	21	16	7.56	11.6	10315
4	29	10	4.7	13.8	-
6	36	6.7	3.11	14.7	-
10	50	4	1.84	16.7	-
16	67	2.3	1.16	19.2	-
25	89	1.5	0.734	23.9	-
35	1085	1.1	0.529	25.9	-
50	135	0.89	0.391	29.5	-
70	170	0.64	0.270	33.9	-
95	205	0.50	0.195	39.1	-
120	240	0.44	0.154	42.5	-
150	270	0.38	0.126	46.8	-
185	305	0.34	0.1	52	-
240	365	0.31	0.0762	62.1	-
300	415	0.29	0.0607	68.8	-

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Four Core: 6574 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	Nominal overall diameter mm	BATT part no
1	12	47	18.2	11.1	-
1.5	15	30	12.2	11.7	10189
2.5	21	16	7.56	12.6	-
4	29	10	4.7	15.1	-
6	36	6.7	3.11	16.3	-
10	50	4	1.84	18.6	-
16	67	2.3	1.16	21.4	-
25	89	1.5	0.734	26.5	-
35	1085	1.1	0.529	28.7	-
50	135	0.89	0.391	33.1	-
70	170	0.64	0.270	37.5	-
95	205	0.50	0.195	43.5	-
120	240	0.44	0.154	47.3	-
150	270	0.38	0.126	52.2	-
185	305	0.34	0.1	57.9	-
240	365	0.31	0.0762	69.3	-
300	415	0.29	0.0607	76.9	-

Five – Nineteen Core: 6575-19 MG TQ Fire Resisting

No of cores	Size sq.mm	Current rating amps	Voltage Drop		Max DC conductor resistance at 20°C OHM/KM	Nominal overall diameter mm	BATT part no
			DC MV/A/M	Single phase AC MV/A/M			
5	1.5	12	35	23	12.20	12.7	-
7	1.5	10	35	23	12.20	14.0	-
12	1.5	8.5	35	23	12.20	18.5	-
19	1.5	7	35	23	12.20	21.9	-
27	1.5	6.5	35	23	12.20	26.6	-
37	1.5	6	35	23	12.20	26.9	-
5	2.5	17	18	18	7.56	13.9	-
7	2.5	14	18	18	7.56	15.1	-
12	2.5	12	18	18	7.56	20.2	-
19	2.5	10	18	18	7.56	24	-

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