

657MG TQ BS7917

Stranded tinned copper conductors to BS6360, fire barrier tape (MGT), EPR (Ethylene Propylene Rubber) insulated to BS7655/ZHAL sheathed to BS7655 type SW4 Low Smoke. 600/1000 volts to BS6883

TWO CORE : REF 6572 MG TQ FIRE RESISTING

SIZE SQ.MM	CURRENT RATING AMPS	VOLTAGE DROP		MAX DC CONDUCTOR RESISTANCE @ 20 deg C OHM/KM	NOMINAL OVERALL DIAMETER MM	BATT PART NO
		DC MV/A/M	SINGLE PHASE AC MV/A/M			
1.0	14	54.00	54.00	18.20	9.40	10084 10112
1.5	18	35.00	35.00	12.20	10.10	
2.5	25	18.00	18.00	7.56	10.90	
4	34	12.00	12.00	4.70	13.00	
6	43	7.80	7.80	3.11	13.80	
10	60	4.60	4.60	1.84	15.70	
16	81	2.70	2.70	1.16	18.00	
25	105	1.70	1.70	0.734	22.20	
35	135	1.20	1.20	0.529	24.10	
50	165	0.98	1.00	0.391	27.40	
70	200	0.68	0.70	0.270	31.50	
95	250	0.49	0.53	0.195	36.40	
120	290	0.39	0.43	0.154	39.40	
150	330	0.31	0.36	0.126	43.40	
185	370	0.25	0.32	0.100	48.10	
240	445	0.19	0.27	0.0762	57.70	
300	505	0.15	0.24	0.0607	63.90	

THREE CORE : REF 6573 MG TQ FIRE RESISTING

SIZE SQ.MM	CURRENT RATING AMPS	VOLTAGE DROP	MAX DC CONDUCTOR RESISTANCE @ 20 deg C OHM/KM	NOMINAL OVERALL DIAMETER MM	BATT PART NO
		THREE PHASE AC MV/A/M			
1.0	12	47.00	18.20	10.10	10100 10315 10015
1.5	15	30.00	12.20	10.80	
2.5	21	16.00	7.56	11.60	
4	29	10.00	4.70	13.80	
6	36	6.70	3.11	14.70	
10	50	4.00	1.84	16.70	
16	67	2.30	1.16	19.20	10021
25	89	1.50	0.734	23.90	10041
35	105	1.10	0.529	25.90	10054
50	135	0.89	0.391	29.50	10066
70	170	0.64	0.270	33.90	10106
95	205	0.50	0.195	39.10	
120	240	0.44	0.154	42.50	
150	270	0.38	0.126	46.80	
185	305	0.34	0.100	52.00	
240	365	0.31	0.0762	62.10	
300	415	0.29	0.0607	68.80	

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FOUR CORE : REF 6574 MG TQ FIRE RESISTING

SIZE SQ.MM	CURRENT RATING AMPS	VOLTAGE DROP		MAX DC CONDUCTOR RESISTANCE @ 20 deg C OHM/KM	NOMINAL OVERALL DIAMETER MM	BATT PART NO
		THREE PHASE AC				
1.0	12	47.00		18.20	11.10	10189
1.5	15	30.00		12.20	11.70	
2.5	21	16.00		7.56	12.60	
4	29	10.00		4.70	15.10	
6	36	6.70		3.11	16.30	
10	50	4.00		1.84	18.60	
16	67	2.30		1.16	21.40	
25	89	1.50		0.734	26.50	
35	105	1.10		0.529	28.70	
50	135	0.89		0.391	33.10	
70	170	0.64		0.270	37.50	
95	205	0.50		0.195	43.50	
120	240	0.44		0.154	47.30	
150	270	0.38		0.126	52.20	
185	305	0.34		0.100	57.90	
240	365	0.31		0.0762	69.30	
300	415	0.29		0.0607	76.90	

FIVE- NINETEEN CORE : REF 6575-19 MG TQ FIRE RESISTING

NO. OF CORES	SIZE SQ.MM	CURRENT RATING AMPS	VOLTAGE DROP		MAX DC CONDUCTOR RESISTANCE @ 20 deg C OHM/KM	NOMINAL OVERALL DIAMETER MM	BATT PART NO
			DC MV/A/M	SINGLE PHASE AC MV/A/M			
5	1.5	12	35.00	35.00	12.20	12.70	10186 10117
7	1.5	10	35.00	35.00	12.20	14.00	
12	1.5	8.5	35.00	35.00	12.20	18.50	
19	1.5	7	35.00	35.00	12.20	21.90	
27	1.5	6.5	35.00	35.00	12.20	26.60	
37	1.5	6	35.00	35.00	12.20	29.90	
5	2.5	17	18.00	18.00	7.56	13.90	
7	2.5	14	18.00	18.00	7.56	15.10	
12	2.5	12	18.00	18.00	7.56	20.20	
19	2.5	10	18.00	18.00	7.56	24.00	

Flame retardancy: IEC60332-3-22

Corrosivity: IEC60754-1, IEC 60754-2

Smoke density: IEC61034-2

Oil & mud resistancy: NEK606

Standards:

BS7917: Elastomer insulated fire resistant cables for fixed wiring in ships and on mobile and fixed offshore units.
Requirements and test methods

BS6883: Elastomer insulated cables for fixed wiring in ships and on mobile and fixed offshore units.
Requirements and test methods

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