ABN: 84 618 996 133

POWERMAC CABLES AUSTRALIA PTY LTD

Technical Data Sheet

Phone: 1800 100 000 Website: www.powermac.net.au Email: sales@powermac.net.au Address: 3/260 Musgrave Road Coopers Plains, QLD, 4108

PVC STEEL WIRE ARMOURED

Filming

2 & 3 core & earth, copper conductors, 0.6/1kV V-90 PVC insulated, PVC bedded, steel wire armoured, 5V-90 PVC sheathed cable to AS/NZS 5000.1.





Physical & Electrical Characteristic

Product Code	Nom. Cond. Area mm2	Main Conductor Type	Nominal Insulation Thickness mm	Earth Cond. Area mm2	Nom. Dia. Over Bed. mm	Nom. Dia. Over Armour mm	Nominal Overall Diameter mm	Approx. Mass kg/100m	
2 CORE & EARTH									
SWA001.52-XXX	1.5	Stranded CU	0.8	1.5	9.1	1.5	12.5	20.1	
SWA002.52-XXX	2.5	Stranded CU	0.8	2.5	10.3	2.5	13.8	27.3	
SWA0042-XXX	4	Stranded CU	1.0	2.5	11.8	2.5	15.8	37.1	
SWA0062-XXX	6	Stranded CU	1.0	2.5	12.9	2.5	17.1	46.5	
SWA0102-XXX	10	Stranded CU	0.8	4	13.4	16.3	19.9	81	
SWA0162-XXX	16	Stranded CU	0.8	6	16.1	18.6	22.8	108	
SWA0252-xxx	25	Stranded CU	0.9	6	18.3	20.8	25.0	134	
3 CORE & EARTH									
SWA001.53-XXX	1.5	Stranded CU	0.8	1.5	9.9	11.5	15.7	41.9	
SWA002.53-XXX	2.5	Stranded CU	0.8	2.5	11.3	12.9	17.1	50.8	
SWA0043-XXX	4	Stranded CU	1.0	2.5	13.0	15.5	19.7	76.3	
SWA0063-XXX	6	Stranded CU	1.0	2.5	14.0	16.5	20.7	86	

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Parameter

Physical & Electrical Characteristic

Product Code	Nom. Cond. Area mm2	Main Conductor Type	Nominal Insulation Thickness mm	Earth Cond. Area mm2	Nom. Dia. Over Bed. mm	Nom. Dia. Over Armour mm	Nominal Overall Diameter mm	Approx. Mass kg/100m			
4 CORE & EARTH											
SWA001.54-XXX	1.5	Stranded CU	0.8	1.5	10.9	12.5	16.7	48			
SWA002.54-XXX	2.5	Stranded CU	0.8	2.5	12.3	13.9	18.1	59			
SWA0044-XXX	4	Stranded CU	1.0	2.5	14.4	16.9	21.1	89			
SWA0064-XXX	6	Stranded CU	1.0	2.5	15.6	18.1	22.3	102			
SWA0104-XXX	10	Stranded CU	0.8	4	16.8	20.4	24	127			
SWA0164-XXX	16	Stranded CU	0.8	6	19.6	22.8	27.0	169			
SWA0254-xxx	25	Stranded CU	0.9	6	22.0	25.2	29.4	214			
SWA0354-XXX	35	Stranded CU	0.9	10	24.7	27.9	32.3	268			
SWA0704-XXX	70	Stranded CU	1.0	16	28.5	32.5	37.1	365			
SWA0954-XXX	95	Stranded CU	1.1	25	37.4	41.4	46.6	607			

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