




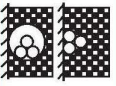
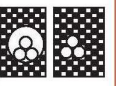








## Current Ratings 3 Single Core (Cu) PVC

3 single core copper conductor, 450/750V and 0.6/1kV V-90 PVC insulated, PVC sheathed cables Based on AS/NZS 3008.1.1

Nominal Conductor Area mm <sup>2</sup>	Unenclosed				Enclosed Conduit in Air	Partially Surrounded by Thermal Insulation	Completely Surrounded by Thermal Insulation	Buried Direct	Underground Ducts			Single Phase Voltage Drop	
	Spaced	Spaced from Surface	Touching	Exposed to Sun									
													
												(@50Hz & 75°C) mV/Am	
1.0	16	14	13	8	12	10	6	16	16	19	44.7	44.7	
1.5	20	17	16	10	15	12	8	20	20	24	28.6	28.6	
2.5	29	25	23	13	21	17	12	27	27	33	15.6	15.6	
4	38	33	31	18	28	23	16	36	36	43	9.71	9.71	
6	49	42	40	22	35	28	20	45	45	53	6.49	6.49	
10	67	58	54	30	47	37	27	59	59	70	3.86	3.86	
16	89	77	72	39	62	50	36	104	78	90	2.43	2.43	
25	120	103	97	50	81	64	48	134	100	117	1.54	1.55	
35	148	127	119	61	100	80	59	160	122	140	1.12	1.12	
50	181	156	146	72	119	95	-	190	144	168	0.834	0.840	
70	230	197	184	89	152	122	-	233	180	205	0.589	0.597	
95	287	246	230	107	183	147	-	279	217	250	0.439	0.449	
120	335	287	267	122	217	173	-	317	252	283	0.359	0.371	
150	385	330	308	137	244	195	-	356	283	317	0.303	0.319	
185	447	383	357	154	284	227	-	402	325	365	0.261	0.277	