




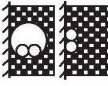






## Current Ratings 2 Single Core (Al) XLPE

2 single core aluminium conductor, 0.6/1kV X-90 XLPE 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 (@50Hz & 90°C) mV/Am
	Spaced	Spaced from Surface	Touching	Exposed to Sun							
											
16	87	84	50	50	65	2	33	107	78	87	4.25
25	117	112	91	66	87	70	45	139	102	114	2.67
35	144	137	111	81	105	84	56	167	122	136	1.94
50	177	167	136	99	129	103	-	198	147	164	1.44
70	226	212	174	124	159	127	-	243	181	200	1.00
95	280	262	216	153	198	158	-	291	221	239	0.733
120	328	305	253	178	226	181	-	332	252	278	0.589
150	377	350	291	204	255	204	-	372	283	311	0.491
185	439	406	340	236	301	241	-	423	329	359	0.404
240	527	485	408	280	360	288	-	492	388	417	0.327
300	612	562	473	323	-	-	-	556	440	482	0.281
400	723	660	559	377	-	-	-	638	516	553	0.243
500	850	772	656	439	-	-	-	729	590	632	0.216
630	1003	904	772	511	-	-	-	833	695	740	0.189