



## Current Ratings 3 & 4 Core (Al) XLPE/PVC

3 & 4 Core aluminium conductor, 0.6/1kV X-90 XLPE insulated, armoured or non-armoured, PVC sheathed. Based on AS/NZS 3008.1.1.

Nominal Conductor Area mm <sup>2</sup>	Unenclosed			Enclosed Conduit in Air	Partially Surrounded by Thermal Insulation, Unenclosed	Completely Surrounded by Thermal Insulation, Unenclosed	Buried Direct	Underground Ducts	Single Phase Voltage Drop (@50Hz & 75°C) mV/Am
	Spaced	Touching	Exposed to Sun						
16	72	68	5	58	54	34	96	73	4.04
25	97	91	167	76	73	46	125	94	2.54
35	120	112	82	94	90	56	150	114	1.84
50	146	137	99	112	109	-	178	136	1.36
70	185	172	123	142	138	-	219	170	0.948
95	228	213	150	177	170	-	263	208	0.691
120	265	247	172	202	198	-	300	237	0.552
150	303	282	194	228	226	-	336	266	0.457
185	348	324	220	263	259	-	379	304	0.373
240	412	383	256	316	307	-	438	359	0.297
300	472	438	288	-	-	-	493	404	0.251