



A.C.N. 056 024 385  
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## Copper/XLPE/PVC Circular Cable - Multicore

**0.6/1kV X-90 insulation, PVC sheath**

**Application:** Power distribution in residential and commercial buildings and installations up to 1kV where no mechanical stresses are expected.

**Standard:**AS/NZS 5000.1

**Conductor:**Plain annealed copper (AS/NZS 1125) Class2

**Max. Operating Temp:** 90°C when not exposed to mechanical deformation (see AS/NZS 3008.1)

**Insulation:**X-90 XLPE

**Colours:**

2Core+ Earth: Red, Black, Green/Yellow

3Core+ Earth: Red, White, Blue, Green/Yellow

4Core+ Earth: Red, White, Blue, Black, Green/Yellow

**Sheath:**5V-90 PVC

**Colours:**Orange

NO	Part No.	Core No.	×	Cross-section mm <sup>2</sup>	+	Earth core section mm <sup>2</sup>	Core INS. THK. mm	Earth INS. THK. mm	SHT. THK. mm	O/D ±15% mm	Approx. mass kg/kg
1	XLPE2015E	2	×	1.5	+	1.5	0.7	0.7	1.8	10.0	120
2	XLPE2025E	2	×	2.5	+	2.5	0.7	0.7	1.8	12.0	162
3	XLPE2040E	2	×	4	+	2.5	0.7	0.7	1.8	12.0	202
4	XLPE2060E	2	×	6	+	2.5	0.7	0.7	1.8	13.0	247
5	XLPE2100E	2	×	10	+	4	0.7	0.7	1.8	15.0	359
6	XLPE2160E	2	×	16	+	6	0.7	0.7	1.8	17.0	505
7	XLPE2250E	2	×	25	+	6	0.9	0.7	1.8	21.0	740
8	XLPE2350E	2	×	35	+	10	0.9	0.7	1.8	23.0	956
9	XLPE2500E	2	×	50	+	16	1.0	0.7	1.8	26.0	1273
10	XLPE2700E	2	×	70	+	25	1.1	0.9	1.9	30.0	1809
11	XLPE2950E	2	×	95	+	25	1.1	0.9	2.0	34.0	2334
12	XLPE21200E	2	×	120	+	35	1.2	0.9	2.2	38.0	2975
13	XLPE21500E	2	×	150	+	50	1.4	1.0	2.3	42.0	3721
14	XLPE21850E	2	×	185	+	70	1.6	1.1	2.5	47.0	4738
15	XLPE22400E	2	×	240	+	95	1.7	1.1	2.6	53.0	6064
16	XLPE23000E	2	×	300	+	120	1.8	1.2	2.8	59.0	7606
17	XLPE3015E	3	×	1.5	+	1.5	0.7	0.7	1.8	11.0	145
18	XLPE3025E	3	×	2.5	+	2.5	0.7	0.7	1.8	13.0	203
19	XLPE3040E	3	×	4	+	2.5	0.7	0.7	1.8	14.0	261
20	XLPE3060E	3	×	6	+	2.5	0.7	0.7	1.8	15.0	328



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NO	Part No.	Core No.	×	Cross-section mm <sup>2</sup>	+	Earth core section mm <sup>2</sup>	Core INS. THK. mm	Earth INS. THK. mm	SHT. THK. mm	O/D ±15% mm	Approx. mass kg/kg
21	XLPE3100E	3	×	10	+	4	0.7	0.7	1.8	17.0	481
22	XLPE3160E	3	×	16	+	6	0.7	0.7	1.8	19.0	684
23	XLPE3250E	3	×	25	+	6	0.9	0.7	1.8	22.0	1018
24	XLPE3350E	3	×	35	+	10	0.9	0.7	1.8	25.0	1319
25	XLPE3500E	3	×	50	+	16	1.0	0.7	1.8	28.0	1748
26	XLPE3700E	3	×	70	+	25	1.1	0.9	2.0	33.0	2496
27	XLPE3950E	3	×	95	+	25	1.1	0.9	2.1	37.0	3231
28	XLPE31200E	3	×	120	+	35	1.2	0.9	2.3	41.0	4122
29	XLPE31500E	3	×	150	+	50	1.4	1.0	2.4	46.0	5126
30	XLPE31850E	3	×	185	+	70	1.6	1.1	2.6	52.0	6616
31	XLPE32400E	3	×	240	+	95	1.7	1.1	2.8	58.0	8510
32	XLPE33000E	3	×	300	+	120	1.8	1.2	3.0	65.0	10775
33	XLPE4015E	4	×	1.5	+	1.5	0.7	0.7	1.8	12.0	168
34	XLPE4025E	4	×	2.5	+	2.5	0.7	0.7	1.8	13.0	239
35	XLPE4040E	4	×	4	+	2.5	0.7	0.7	1.8	15.0	313
36	XLPE4060E	4	×	6	+	2.5	0.7	0.7	1.8	16.0	400
37	XLPE4100E	4	×	10	+	4	0.7	0.7	1.8	18.0	594
38	XLPE4160E	4	×	16	+	6	0.7	0.7	1.8	21.0	849
39	XLPE4250E	4	×	25	+	6	0.9	0.7	1.8	25.0	1282
40	XLPE4350E	4	×	35	+	10	0.9	0.7	1.8	27.0	1668
41	XLPE4500E	4	×	50	+	16	1.0	0.7	1.9	31.0	2297
42	XLPE4700E	4	×	70	+	25	1.1	0.9	2.1	37.0	3299
43	XLPE4950E	4	×	95	+	25	1.1	0.9	2.3	41.0	4375
44	XLPE41200E	4	×	120	+	35	1.2	0.9	2.4	46.0	5573
45	XLPE41500E	4	×	150	+	50	1.4	1.0	2.6	52.0	6871
46	XLPE41850E	4	×	185	+	70	1.6	1.1	2.8	58.0	8902
47	XLPE42400E	4	×	240	+	95	1.7	1.1	3.1	66.0	11444
48	XLPE43000E	4	×	300	+	120	1.8	1.2	3.3	73.0	14271



**Note: Other types or other lengths of the above cables can be manufactured according to customers' specifications.**