

Circular XLPE/ PVC Cable – Multicore Copper



0.6/1kV X-90 insulated, PVC sheathed cable

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

Conductor: Plain annealed copper (AS/NZS 1125)

Insulation: X-90 XLPE

Core Color:

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

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

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

Sheath: 5V-90 PVC Orange (AS/NZS 3808)

Normal Operating Temperature: 90°C

Standard: AS/NZS 5000.1

Electra Cables Code	Conductor			Insulation Thickness mm	Sheath Thickness mm	OD± 10%	Min. Bending Radius mm	Approx. Mass kg/km
	Active		Earth					
	mm ²	No./mm	mm ²					
XLPE2160E	16	7/1.70	6	0.7,0.7E	1.8	17.1	260	495
XLPE2250E	25	19/1.35	6	0.9,0.7E	1.8	21.3	320	705
XLPE2350E	35	19/1.53	10	0.9,0.7E	1.8	28.0	420	1690
XLPE2500E	50	19/1.78	16	1.0,0.7E	1.9	32.0	480	2290
XLPE3160E	16	7/1.70	6	0.7,0.7E	1.8	21.0	315	850
XLPE3250E	25	19/1.35	6	0.9,0.7E	1.8	25.0	375	1330
XLPE3350E	35	19/1.53	10	0.9,0.7E	1.8	28.0	420	1690
XLPE3500E	50	19/1.78	16	1.0,0.7E	1.9	32.0	480	2290
XLPE3700E*	70	19/2.14	25	1.1,0.9E	2.1	37.0	555	3260
XLPE3950E*	95	37/1.78	25	1.1,0.9E	2.2	41.0	620	4230
XLPE31200E*	120	37/2.03	35	1.2,0.9E	2.4	46.0	690	5440
XLPE31500E*	150	37/2.25	50	1.4,1.0E	2.6	52.0	780	6700
XLPE 31850E	185	37/2.52	70	2.0,1.4E				
XLPE 32400E	240	61/2.25	95	2.2,1.6E				

Electra Cables Code	Conductor			Insulation Thickness mm	Sheath Thickness mm	OD± 10%	Min. Bending Radius mm	Approx. Mass kg/km
	Active		Earth					
	mm ²	No./mm	mm ²					
XLPE4160E	16	7/1.70	6	0.7,0.7E	1.8	21.0	315	850
XLPE4250E	25	19/1.35	6	0.9,0.7E	1.8	25.0	375	1330
XLPE4350E	35	19/1.53	10	0.9,0.7E	1.8	28.0	420	1690
XLPE4500E	50	19/1.78	16	1.0,0.7E	1.9	32.0	480	2290
XLPE4700E*	70	19/2.14	25	1.1,0.9E	2.1	37.0	555	3260
XLPE4950E*	95	37/1.78	25	1.1,0.9E	2.2	41.0	620	4230
XLPE41200E*	120	37/2.03	35	1.2,0.9E	2.4	46.0	690	5440
XLPE41500E*	150	37/2.25	50	1.4,1.0E	2.6	52.0	780	6700
XLPE 41850E	185	37/2.52	70	2.0,1.4E				
XLPE 42400E	240	61/2.25	95	2.2,1.6E				

* Conductors are circular compacted.



Quality ISO 9001
Certified System

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