

XLPE – Multi-Core

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

Conductor: Plain Annealed Copper

Insulation: X-90 XLPE

Core Colours: 2 x Cores + Earth – Red, Black, Green / Yellow
3 x Cores + Earth – Red, White, Blue, Green / Yellow
4 x Cores + Earth – Red, White, Blue, Black, Green / Yellow

Sheath: 5V-90 PVC (Orange or Black)

Voltage: 600V/1000V (0.6/1kV)

Temp: 90°C

Standards: AS/NZS 5000.1, AS/NZS 1125, AS/NZS 3808, AS/NZS 4026

Greenstar: Approved

Drum Sizes: 100m, 500m, Custom Cut

2 Core + Earth

ELECTRA Part Number	SIZE	INSULATION Thickness	SHEATH Thickness	O.D.	MIN BEND RADIUS
XLPE2100E	10	0.7	1.8	15.0	225
XLPE2160E	16	0.7	1.8	17.1	260
XLPE2250E	25	0.9	1.8	21.3	320
XLPE2350E	35	0.9	1.8	28.0	420
XLPE2500E	50	1.0	1.9	32.0	480
XLPE2700E	70	1.1	2.1		

*Size = mm²; O.D. ± 10%, Insulation Thickness, Sheath Thickness, O.D., and Min. Bend Radius = mm.

Other sizes available upon request.

3 Core + Earth

ELECTRA	SIZE	INSULATION	SHEATH	O.D.	MIN BEND
XLPE3100E	10	0.7	1.8	17.0	255
XLPE3160E	16	0.7	1.8	21.0	315
XLPE3250E	25	0.9	1.8	25.0	375
XLPE3350E	35	0.9	1.8	28.0	420
XLPE3500E	50	1.0	1.9	32.0	480
XLPE3700E	70	1.1	2.1	37.0	555
XLPE3950E	95	1.1	2.2	41.0	620
XLPE3120E	120	1.2	2.4	46.0	690

*Size = mm²; O.D. ± 10%, Insulation Thickness, Sheath Thickness, O.D., and Min. Bend Radius = mm.

Other sizes available upon request.

4 Core + Earth

ELECTRA Part Number	SIZE	INSULATION Thickness	SHEATH Thickness	O.D.	MIN BEND RADIUS
XLPE4100E	10	0.7	1.8	18.0	270
XLPE4160E	16	0.7	1.8	21.0	315
XLPE4250E	25	0.9	1.8	25.0	375
XLPE4350E	35	0.9	1.8	28.0	420
XLPE4500E	50	1.0	1.9	32.0	480
XLPE4700E	70	1.1	2.1	37.0	555
XLPE4950E	95	1.1	2.2	41.0	620
XLPE4120E	120	1.2	2.4	46.0	690

*Size = mm²; O.D. ± 10%, Insulation Thickness, Sheath Thickness, O.D., and Min. Bend Radius = mm.

Other sizes available upon request.

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