



## XLPE – Mains

**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 – Red, Black  
4 x Cores – Red, White, Blue, Black

**Sheath:** 5V-90 PVC Black

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

**Temp:** 90°C

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

**Greenstar:** Approved

**Drum Sizes:** 16mm<sup>2</sup> - 100m, 250m, 300m, 500m, Custom Cut  
25mm<sup>2</sup> - 100m, 300m, 500m, Custom Cut  
35mm<sup>2</sup> to 95mm<sup>2</sup> - 100m, 500m, Custom Cut

### 2 Core

ELECTRA Part Number	SIZE	INSULATION Thickness	SHEATH Thickness	O.D.	MIN BEND RADIUS
XLPE2160	16	1.5	1.5	19.2	290
XLPE2250	25	1.7	1.5	22.8	345
XLPE2350	35	1.7	1.5	25.0	375
XLPE2500	50	1.8	1.5	27.9	420

\*Size = mm<sup>2</sup>, O.D. ± 10%, Insulation Thickness, Sheath Thickness, O.D., and Min. Bend Radius = mm.

Other sizes available upon request.

### 4 Core

ELECTRA Part Number	SIZE	INSULATION Thickness	SHEATH Thickness	O.D.	MIN BEND RADIUS
XLPE4160	16	1.5	1.5	23.0	130
XLPE4250	25	1.7	1.5	27.0	160
XLPE4350	35	1.7	1.5	28.0	170
XLPE4500	50	1.8	1.7	30.0	190
XLPE4700	70	1.9	2.0	34.0	210
XLPE4950	95	2.0	2.0	38.0	230

\*Size = mm<sup>2</sup>, O.D. ± 10%, Insulation Thickness, Sheath Thickness, O.D., and Min. Bend Radius = mm.

Other sizes available upon request.

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