

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	SIZE Earth Core	INSULATION THICKNESS	EARTH INSUL. THICKNESS	SHEATH THICKNESS	O.D.	MIN. BEND RADIUS
XLPE2100E	10	4	0.7	0.7	1.8	13.7	165
XLPE2160E	16	6	0.7	0.7	1.8	15.6	187
XLPE2250E	25	6	0.9	0.7	1.8	18.2	219
XLPE2350E	35	10	0.9	0.7	1.8	20.4	245
XLPE2500E	50	16	1.0	0.7	1.8	23.2	278
XLPE2700E	70	25	1.1	0.9	1.8	27.3	328

**Size = mm²; O.D., Insulation Thickness, Sheath Thickness, and O.D. ± 10% & mm. Other sizes available upon request*

3 Core + Earth

ELECTRA PART NUMBER	SIZE	SIZE Earth Core	INSULATION THICKNESS	EARTH INSUL. THICKNESS	SHEATH THICKNESS	O.D.	MIN. BEND RADIUS
XLPE3100E	10	4	0.7	0.7	1.8	15.3	183
XLPE3160E	16	6	0.7	0.7	1.8	17.5	210
XLPE3250E	25	6	0.9	0.7	1.8	20.8	249
XLPE3350E	35	10	0.9	0.7	1.8	23.3	280
XLPE3500E	50	16	1.0	0.7	1.8	26.5	318
XLPE3700E	70	25	1.1	0.9	1.9	31.5	377
XLPE3950E	95	25	1.1	0.9	2.0	35.0	420
XLPE31200E	120	35	1.2	0.9	2.1	39.1	469
XLPE31500E	150	50	1.4	1.0	2.3	43.9	526
XLPE31850E	185	70	1.6	1.1	2.4	49.2	591
XLPE32400E	240	95	1.7	1.1	2.6	55.9	671

**Size = mm²; O.D., Insulation Thickness, Sheath Thickness, and O.D. ± 10% & mm. Other sizes available upon request*

4 Core + Earth

ELECTRA PART NUMBER	SIZE	SIZE Earth Core	INSULATION THICKNESS	EARTH INSUL. THICKNESS	SHEATH THICKNESS	O.D.	MIN. BEND RADIUS
XLPE4100E	10	4	0.7	0.7	1.8	16.9	203
XLPE4160E	16	6	0.7	0.7	1.8	19.4	233
XLPE4250E	25	6	0.9	0.7	1.8	23.3	280
XLPE4350E	35	10	0.9	0.7	1.8	26.2	314
XLPE4500E	50	16	1.0	0.7	1.9	30.1	361
XLPE4700E	70	25	1.1	0.9	2.0	35.5	426
XLPE4950E	95	25	1.1	0.9	2.1	39.6	476
XLPE41200E	120	35	1.2	0.9	2.3	44.5	534
XLPE41500E	150	50	1.4	1.0	2.5	49.7	596
XLPE41850E	185	70	1.6	1.1	2.6	56.1	673
XLPE42400E	240	95	1.7	1.1	2.8	63.4	760

**Size = mm²; O.D., Insulation Thickness, Sheath Thickness, and O.D. ± 10% & mm. Other sizes available upon request*

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