

XLPE Multi Core Copper

ELECTRA CABLES
(Aust.) Pty. Limited

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XLPE Cables - Multi Core, Copper Conductor

- Application:** Power distribution in residential and commercial buildings, where no mechanical stresses are expected
- Conductor:** Plain annealed copper
- Insulation:** XLPE X-90
- Sheath:** PVC 5V-90
- Voltage:** 0.6/1KV
- Standards:** AS/NZS 1125, AS/NZS3808, AS/NZS 5000.1 and AS/NZS 4026
- Normal Operating Temperature:** 90°C
- Core Colours:**
- 2 Cores + Earth: Red, Black, Green/Yellow
 - 4 Cores + Earth: Red, White, Blue, Black and Green/Yellow
 - 2 Cores: Red, Black
 - 3 Cores: Red, White and Black
 - 4 Cores: Red, White, Blue and Black



Typical Features

Electra Cables Code	Conductor		Insulation Thickness mm	Sheath Thickness mm	OD± 10%	Min Bending Radius mm	Standard Packing		Approx. Weight kg/Km
	mm ²	No. /mm					100m	500m	
XLPE2160E	16	7/1.70	6	0.7,0.7E	1.8	17.1	100	500	
XLPE2250E	25	19/1.35	6	0.9,0.7E	1.8	21.3	100	500	
XLPE4160E	16	7/1.70	6	0.7,0.7E	1.8	21	100	500	860
XLPE4250E	25	19/1.35	6	0.9,0.7E	1.8	25	100	500	1290
XLPE4350E	35	19/1.53	10	0.9,0.7E	1.8	28	100	500	1730
XLPE4500E	50	19/1.78	16	1.0,0.7E	1.9	32	100	500	
XLPE4700E*	70	19/2.14	25	1.1,0.9E	2.1	37	100	500	
XLPE4950E*	95	37/1.78	25	1.1,0.9E	2.2	41	100	500	
XLPE41200E*	120	37/2.03	35	1.2,0.9E	2.4	46	100	500	
XLPE41500E*	150	37/2.25	50	1.4,1.0E	2.6	52	100	500	
XLPE4160	16	7/1.70	0.7	1.8	22.2		100	500	790
XLPE4250	25	19/1.35	6	0.9,0.7E	1.8		100	500	1220
XLPE4350	35	19/1.53	10	0.9,0.7E	1.8		100	500	1620

Current Rating

Electra Cables Code	Conductor		Insulation Thickness mm	Sheath Thickness mm	Nom. O/D mm	Min. Bending Radius mm	Approx Mass kg/km
	mm ²	No. /mm					
XLPE2160*	16	7/1.66	1.5	1.5	19.2	290	465
XLPE2250*	25	19/1.28	1.7	1.5	22.8	345	685
XLPE2350*	35	19/1.50	1.7	1.5	25	375	881
XLPE2500*	50	19/1.75	1.8	1.5	27.9	420	1145
XLPE3160*	16	7/1.66	1.5	1.5	20.4	310	644
XLPE3250*	25	19/1.28	1.7	1.5	24.3	365	963
XLPE3350*	35	19/1.50	1.7	1.5	26.7	405	1250
XLPE3500*	50	19/1.75	1.8	1.5	29.8	450	1638
XLPE4160*	16	7/1.66	1.5	1.5	22.5	340	829
XLPE4250*	25	19/1.28	1.7	1.5	26.9	405	1249
XLPE4350*	35	19/1.50	1.7	1.5	29.5	445	1627
XLPE4500*	50	19/1.75	1.8	1.5	33	495	2140

* These items are subject to minimum order Quantity. Please contact our sales team for details.

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