

**Electrical
Products**

Products

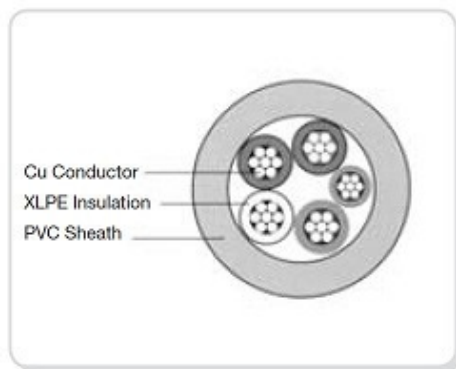
[XLPE \(/products/brand/xlpe\)](/products/brand/xlpe) > **POWER CABLES**[\(/products/category/power-cables\)](/products/category/power-cables) > **Four Core + Earth Circular, 0.6/1kV X-90 XLPE**[\(/product/print-pdf?id=5196\)](/product/print-pdf?id=5196)**Four Core + Earth Circular, 0.6/1kV X-90 XLPE****POWER CABLES**

XLPE INSULATED AND PVC SHEATHED CABLE TO AS/NZS 5000.1

CABLE APPLICATION

Description

For mains, submains and subcircuits, unenclosed, in conduit, buried direct or in underground ducts for buildings and industrial plants where not subject to mechanical damage and where out of balance currents may require a neutral in size to the active. Suitable where space is at a premium and/or where conditions of overload may occur.



CABLE DESIGN

Conductor

Plain Annealed Copper Conductor to AS 1125

Insulation

X-90 XLPE

Core Colours: Red, White, Blue, Black, Green

Sheath

5V-90 PVC

Colours: Orange or Black (Black on request)

CHARACTERISTICS

Part Number	Conductor			Cable		
	Nom. Area mm ²	No. & Dia. of Wires No./mm	Nom. Dia. mm	Nom. Insulation Thickness mm	Nom. Sheath Thickness mm	Nom. Over Dia. mm
OX7135C4CE	10	7/1.35	4.05	0.7	1.8	18.1
	E (4.0)	7/0.85	2.55			
OX7170C4CE	16	7/1.70	4.70	0.8	1.8	20.3
	E (6.0)	7/1.04	3.12			
OX19135C4CE	25	19/1.35	6.75	0.9	1.8	25.0
	E (6.0)	7/1.04	3.12			
OX19153C4CE	35	19/1.53	7.65	0.9	1.8	26.6
	E (10.0)	7/1.35	4.05			
OX19178C4CE	50	19/1.78	8.90	1.0	1.9	30.0
	E (16.0)	7/1.70	5.10			
OX19214C4CE	70	19/2.14	10.79	1.1	2.1	34.9
	E (25.0)	19/1.35	6.78			
OX37178C4CE	95	37/1.78	12.46	1.1	2.2	39.3
	E (25.0)	19/1.35	6.78			



Part Number	Conductor			Cable		
	Nom. Area mm ²	No. & Dia. of Wires No./mm	Nom. Dia. mm	Nom. Insulation Thickness mm	Nom. Sheath Thickness mm	Nom. Overall Dia. mm
OX37203C4CE	120	37/2.03	14.21	1.2	2.4	44.2
	E (35.0)	19/1.53	7.65			
OX37225C4CE	150	37/2.25	15.75	1.4	2.5	48.8
	E (50.0)	19/1.78	8.90			
OX37252C4CE	185	37/2.52	17.64	1.6	2.6	54.6
	E (70.0)	19/2.14	10.70			
OX61225C4CE	240	61/2.25	20.25	1.7	2.8	60.9
	E (95.0)	37/1.78	12.46			



0.6/1kV XLPE CIRCULAR

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