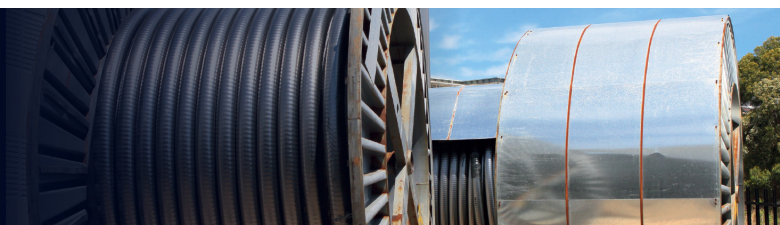


**Electrical
Products**

Products

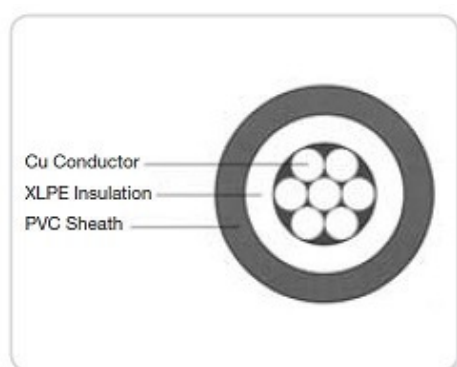
[XLPE \(/products/brand/xlpe\)](/products/brand/xlpe) > **POWER CABLES**[\(/products/category/power-cables\)](/products/category/power-cables) > **Single Core, Copper Conductor 0.6/1kV X-90 XLPE**[\(/product/print-pdf?id=5141\)](/product/print-pdf?id=5141)**XLPE****Single Core, Copper Conductor 0.6/1kV X-90 XLPE POWER CABLES**

XLPE INSULATED AND PVC SHEATHED CABLE TO AS/NZS 5000.1

CABLE APPLICATION

Description

For mains, submains and subcircuits enclosed in conduit, buried or in underground ducts for buildings and industrial plants where not subject to mechanical damage. Suitable where space is at a premium and/or where conditions or overload may occur.



CABLE DESIGN

Conductor

Plain Annealed Copper Conductor to AS 1125

Insulation

X-90 XLPE

Colours: Natural

Sheath

5V-90 PVC

Colours: Black

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	Min. Overall Dia. mm
CV7170C	16	7/1.70	5.10	0.8	1.4	9.5
CV19135C	25	19/1.35	6.75	0.9	1.4	11.2
CV19153C	35	19/1.53	7.65	0.9	1.4	12.1
CV19178C	50	19/1.78	8.90	1.0	1.4	13.5
CV19214C	70	19/2.14	10.70	1.1	1.4	15.5
CV37178C	95	37/1.78	12.46	1.1	1.5	17.5
CV37203C	120	37/2.03	14.21	1.2	1.5	19.4
CV37225C	150	37/2.25	15.75	1.4	1.6	21.6
CV37252C	185	37/2.52	17.64	1.6	1.6	23.8
CV61225C	240	61/2.25	20.25	1.7	1.7	26.9
CV61252C	300	61/2.52	22.68	1.8	1.8	29.7
CV61285C	400	61/2.85	25.65	2.0	1.9	33.3
CV61320C	500	61/3.20	28.80	2.2	2.0	37.0
CV127252C	630	127/2.52	32.67	2.4	2.2	41.8

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0.6/1kV XLPE 1C, CU

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