

Two Core + Earth Circular 0.6/1kV PVC or XLPE

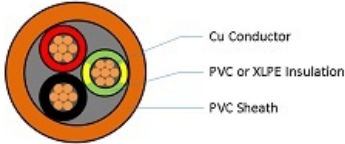
POWER CABLES

PVC INSULATED AND XLPE INSULATED 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.



CABLE DESIGN

Conductor

Plain Annealed Copper Conductor to AS/NZS 1125

Insulation

V90 PVC and X-90 XLPE to AS/NZS 3808

Core Colours: Red, Black, Green/Yellow

Sheath

5V-90 PVC for PVC Range and 5V-90 for XLPE Range to AS/NZS 3808

Colours: Orange or Black (Black on request)

Certification

1.5mm² - 6mm² conductors GMA-503280-EA

10mm² - 16mm² conductors GMA-503279-EA

Note

** Items can be supplied with compacted conductors to AS/NZS 1125

** Items can be supplied with alternative stranding construction to AS/NZS 1125- 7/19 strands

** overall dimensions may vary due to compacted conductors

CHARACTERISTICS FOR PVC

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	Approx. Mass Kg/100m
OC7050C2CE	1.5	7/0.50	1.5	0.8	1.8	10.5	15.2
	E (1.5)	7/0.50					
OC7067C2CE	2.5	7/0.67	2.0	0.8	1.8	11.6	19.5
	E (2.5)	7/0.67					
OC7085C2CE	4.0	7/0.85	2.5	1.0	1.8	13.0	25.4
	E (2.5)	7/0.67	2.0	0.8			
OC7104C2CE	6.0	7/1.04	3.1	1.0	1.8	13.7	30.9
	E (2.5)	7/0.67	2.0	0.8			

0.6/1kV PVC CIRCULAR

CHARACTERISTICS FOR XLPE

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	Approx. Mass Kg/100m
OX7135C2CE	10	7/1.35	4.05	0.7	1.8	15.0	37.4
	E (4.0)	7/0.85	2.55				
OX7170C2CE	16	7/1.70	5.1	0.8	1.8	16.2	51.3
	E (6.0)	7/1.04	3.12	0.7			
OX19135C2CE	25	19/1.35**	6.75	0.9	1.8	19.4	73.6
	E (6.0)	7/1.04	3.12	0.7			
OX19153C2CE	35	19/1.53**	7.0	0.9	1.8	21.8	98.8
	E (10)	7/1.35	4.05	0.7			

0.6/1kV XLPE CIRCULAR

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