

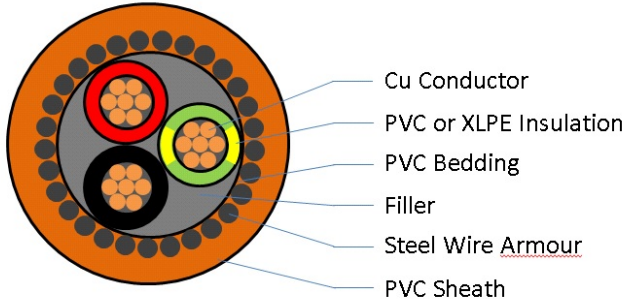
Two Core + Earth Circular, 0.6/1kV Armoured PVC or XLPE

POWER CABLES

PVC INSULATED PVC BEDDED STEEL WIRE ARMoured 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 mechanical protection is required.



CABLE DESIGN

Conductor
 Plain Annealed Copper Conductor to AS/NZS 1125

Insulation
 V90 PVC or 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 and Black (Black on request)

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. Dia. Under Armour mm	Dia. of Wire mm	Nom. Dia. Over Armour mm	Nom. Overall Dia. mm	Approx. Mass Kg/100m
SOC7050C2CE	1.5	7/0.50	1.5	0.8	8.9	0.9	10.7	14.6	39.7
E (1.5)	7/0.50	1.5							
SOC7067C2CE	2.5	7/0.67	2.0	0.8	10.0	0.9	11.8	15.7	56.8
E (2.5)	7/0.67	2.0							
SOC7085C2CE	4.0	7/0.85	2.55	1.0	11.4	0.9	13.2	17.1	60.7
E (2.5)	7/0.67	2.0	0.8						
SOC7104C2CE	6.0	7/1.04	3.12	1.0	12.1	0.9	13.9	17.8	63.3
E (2.5)	7/0.67	2.0	0.8						

0.6/1kV PVC SWA 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. Dia. Under Armour mm	Dia. of Wire mm	Nom. Dia. Over Armour mm	Nom. Overall Dia. mm	Approx. Mass Kg/100m
SOX7135C2CE	10	7/1.35	4.05	0.7	13.4	1.25	15.9	19.5	80.9
E (4.0)	7/0.85	2.55							
SOX7170C2CE	16	7/1.70	5.1	0.8	14.6	1.25	17.1	20.7	98.5
E (6.0)	7/1.04	3.12							
SOX19135C2CE	25	19/1.35**	6.75	0.9	17.8	1.6	21.0	24.6	144.6
E (6.0)	7/1.04	3.12							
SOX19153C2CE	35	19/1.53**	7.0	0.9	20.2	1.6	23.4	27.0	178.2
E (10)	7/1.04	4.05							

0.6/1kV XLPE SWA CIRCULAR

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