

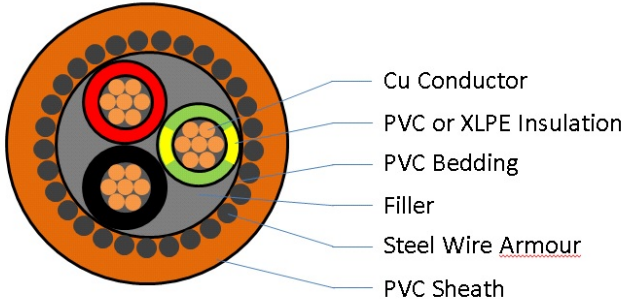
Two Core + Earth Circular, 0.6/1kV Armoured PVC or XLPE

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 <sup>2</sup>	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 <sup>2</sup>	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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