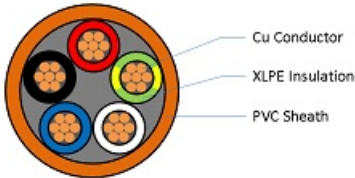


# XLPE INSULATED AND PVC SHEATHED CABLE TO AS/NZS 5000.1

## 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 equal 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/NZS 1125  
**Insulation**  
 X-90 XLPE to AS/NZS 3808  
 Core Colours: Red, White, Blue, Black, Green/Yellow  
**Sheath**  
 5V-90 PVC to AS/NZS 3808  
 Colours: Orange or Black (Black on request)  
**Certification**  
 10mm<sup>2</sup> - 16mm<sup>2</sup> cables 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 – 7/19/37/61 strands  
 \*\* overall dimensions may vary due to compacted conductors

## CHARACTERISTICS

Part Number	Conductor			Cable			
	Nom. Area mm <sup>2</sup>	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
OX7135C4CE	10	7/1.35	4.05	0.7	1.8	18.1	60.9
	E (4.0)	7/0.85	2.55				
OX7170C4CE	16	7/1.70	4.7	0.8	1.8	20.3	85.7
	E (6.0)	7/1.04	3.12				
OX19135C4CE	25	19/1.35**	6.75	0.9	1.8	25.0	127.1
	E (6.0)	7/1.04	3.12				
OX19153C4CE	35	19/1.53**	7.65	0.9	1.8	26.6	170.1
	E (10)	7/1.35	4.05				
OX19178C4CE	50	19/1.78**	8.9	1.0	1.9	30.0	231.2
	E (16)	7/1.70	5.1				
OX19214C4CE	70	19/2.14**	10.79	1.1	2.1	34.9	329.4
	E (25)	19/1.35**	6.78				
OX37178C4CE	95	37/1.78**	12.46	1.1	2.2	39.3	433.9
	E (25)	19/1.35**	6.78				
OX37203C4CE	120	37/2.03**	14.21	1.2	2.4	44.2	531.0
	E (35)	19/1.53**	7.65				
OX37225C4CE	150	37/2.25**	15.75	1.4	2.5	48.8	666.6
	E (50)	19/1.78**	8.9				
OX37252C4CE	185	37/2.52**	17.64	1.6	2.6	54.6	832.2
	E (70)	19/2.14**	10.7				
OX61225C4CE	240	61/2.25**	20.25	1.7	2.8	60.9	1076.3
	E (95)	37/1.78**	12.46				

## 0.6/1kV XLPE CIRCULAR

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