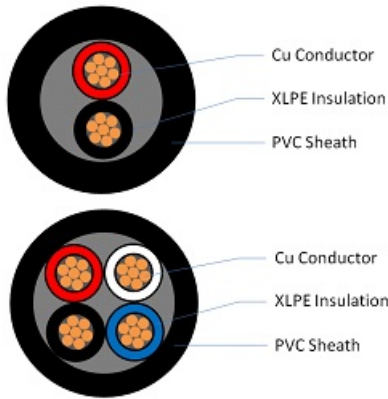


# XLPE INSULATED AND PVC SHEATHED CABLE TO AS/NZS 5000.1

## CABLE APPLICATION

**Description**  
 For mains, submains and subcircuit connections of street and major road lighting systems, 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. Suitable for glanding.



## CABLE DESIGN

**Conductor**  
 Plain Annealed Copper Conductor to AS/NZS 1125

**Insulation**  
 X90 XLPE to AS/NZS 3808  
 Core Colours: Red, White, Blue, Black

**Sheath**  
 5V-90 PVC to AS/NZS 3808  
 Colours: Black

**Relevant Standards**  
 To Old Main Roads requirements MRTS256 - Approval Certificate- 18-03

**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

Part Number	Conductor				Cable			
	No. of Core	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
OX7170C2C	2C	16	7/1.70	4.7	0.7	1.8	16.5	61
OX19135C2C	2C	25	19/1.35**	5.9	0.9	1.8	20.5	87
OX19153C2C	2C	35	19/1.53**	7.0	0.9	1.8	22.5	123
OX7170C4C	4C	16	7/1.70	4.7	0.7	1.8	20.0	98
OX19135C4C	4C	25	19/1.35**	5.7	0.9	1.8	23.5	148
OX19153C4C	4C	35	19/1.53**	7.0	0.9	1.8	25.5	190
OX19178C4C	4C	50	19/1.78**	8.1	1.0	1.8	30.0	255
OX19214C4C	4C	70	19/2.14**	9.7	1.1	2.0	35.0	360

### 0.6/1kV MAINS

CMI Head Office NSW | (02) 9807 6155 | F3, 3-29 Birnie Ave, Lidcombe, NSW, 2141 | nswsales@cmielectrical.com.au

**CMI QLD-Brisbane**  
 (07) 3863 0749  
 485A Zillmere Road,  
 Zillmere QLD 4034  
 southqldsales@cmielectrical.com.au

**CMI QLD – Rockhampton**  
 (07) 4921 0978  
 Shop 3 at 76 Hollingsworth Street,  
 North Rockhampton Qld 4701  
 northqldsales@cmielectrical.com.au

**CMI VIC**  
 (03) 9532 1233  
 3 Dissik Street,  
 Cheltenham VIC 3192  
 vicsales@cmielectrical.com.au

**CMI WA**  
 (08) 9358 1788  
 36 Division Street,  
 Welshpool WA 6106  
 wasales@cmielectrical.com.au