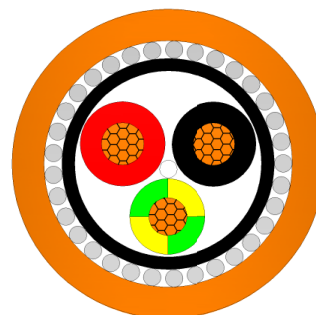




## 2C+E XLPE Insulated Orange Circular Cables 0.6/1kV, Cu, Armoured



Note: The above drawing is for representation purpose only.

### Description

Conductor:  
Insulation:  
Bedding:  
Armour:  
Sheath:

Class 2 Plain Annealed Copper  
XLPE X-90  
PVC 5V-90  
Galvanised Steel Wire Armour  
PVC 5V-90

### Core identification

Red, Black, Green/Yellow

### Sheath Colour

Orange

### Technical Data

Voltage Rating:  
Operating Temperature:  
Short Circuit Temperature :

0.6/1kV  
-40°C to +90°C  
250°C for 5 sec

### Standards Compliance

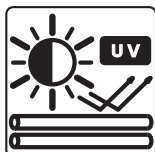
AS/NZS 5000.1  
AS/NZS 3808  
AS/NZS 1125

AS/NZS 1660.5.6 (Equivalent to IEC 60332-1)  
AS/NZS 1660.5.1 (Equivalent to IEC60332-3-24)

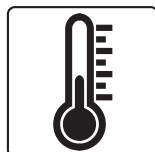
### Characteristics



FLAME RETARDANT



UV RESISTANT



-40°C ~ +90°C



GREEN STAR

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## 2C+E XLPE Insulated Orange Circular Cables 0.6/1kV, Cu, Armoured

### Physical & Electrical Characteristics

WWC Product Code	Conductor Size (mm <sup>2</sup> )	Conductor Diameter (mm)	Insulation Thickness (mm)	Earth Conductor Size (mm <sup>2</sup> )	Approx. Overall Diameter (mm)	Min. Bending Radius (mm)		Approx. Weight (kg/km)
						During Installation	After Installation	
1316	16	4.8	0.7	6	22.0	416	277	1040
1325	25	6.0	0.9	6	24.9	471	314	1336
*SM1335	35	7.0	0.9	10	27.6	522	348	1918
1350	50	8.4	1.0	16	30.8	582	388	2494
*SM1370	70	10.0	1.1	25	34.6	654	436	3204
*SM1395	95	11.6	1.1	25	39.6	748	499	3914
*SM1320	120	13.0	1.2	35	43.0	813	542	4739
*SM1315	150	14.6	1.4	50	48.8	922	615	6205
*SM1318	185	16.2	1.6	70	53.0	1002	668	7480
*SM1324	240	18.4	1.7	95	58.2	1100	733	9237
*SM1330	300	20.6	1.8	120	63.8	1206	804	11099

\*These cables are non-stocked items subject to lead times.

Conductor Size (mm <sup>2</sup> )	*Current-carrying capacity (A)				Maximum D.C. Resistance of conductor at 20°C (Ω/km)	Reactance at 50Hz (Ω/km)
	In Air Touching	In Air Enclosed	In Ground	In Ground Enclosed		
16	97	82	132	98	1.15	0.0805
25	131	110	170	128	0.727	0.0808
35	162	132	205	154	0.524	0.0786
50	197	162	244	185	0.387	0.0751
70	250	200	300	228	0.268	0.0741
95	309	250	360	279	0.193	0.0725
120	359	285	410	318	0.153	0.0713
150	411	332	460	365	0.124	0.0718
185	473	377	520	413	0.0991	0.0720
240	562	448	603	485	0.0754	0.0709
300	645	523	680	558	0.0601	0.0704

\*Based on ambient air temperature of 40°C, soil temperature of 25°C, burial depth of 0.5m and soil thermal resistivity of 1.2K.m/W.

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