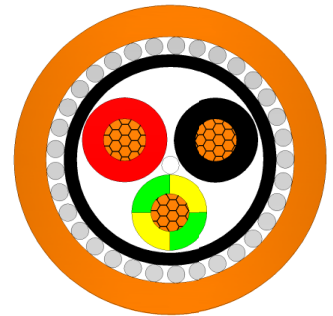




2C+E PVC Insulated Orange Circular Cables 0.6/1kV, Cu, Armoured



Note: The above drawing is for representation purpose only.

Description

Conductor:	Class 2 Plain Annealed Copper
Insulation:	PVC V-90
Bedding:	PVC 5V-90
Armour:	Galvanised Steel Wire Armour
Sheath:	PVC 5V-90

Core identification

Red, Black, Green/Yellow

Sheath Colour

Orange

Technical Data

Voltage Rating:	0.6/1kV
Operating Temperature:	-25°C to +75°C, Maximum 90°C*
	*Not subject to severe mechanical pressure at temperatures higher than 75°C.
Short Circuit Temperature :	160°C for 5 sec

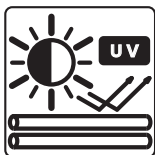
Standards Compliance

AS/NZS 5000.1	AS/NZS 1660.5.6 (Equivalent to IEC 60332-1)
AS/NZS 3808	AS/NZS 1660.5.1 (Equivalent to IEC60332-3-24)
AS/NZS 1125	

Characteristics



FLAME RETARDANT



UV RESISTANT



-25°C ~ +75°C



GREEN STAR

The information in this specification is to be used as a guide only. World Wire Cables (Aust) Pty Ltd has taken all due care in compiling the information in this specification but accepts no responsibility for any errors or omissions. All information provided in this specification is covered by copyright.





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

Physical & Electrical Characteristics

WWC Product Code	Conductor Size (mm ²)	Conductor Diameter (mm)	Insulation Thickness (mm)	Earth Conductor Size (mm ²)	Approx. Overall Diameter (mm)	Min. Bending Radius (mm)		Approx. Weight (kg/km)
						During Installation	After Installation	
1301	1.5	1.56	0.8	1.5	14.0	265	176	368
1302	2.5	2.01	0.8	2.5	15.0	284	189	462
1304	4	2.55	1.0	2.5	16.4	310	207	561
1306	6	3.12	1.0	2.5	18.4	348	232	763
1310	10	3.80	1.0	4	20.2	382	255	945

Conductor Size (mm ²)	+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		
1.5	18	16	21	21	13.6	0.111
2.5	26	23	30	30	7.41	0.102
4	34	30	39	39	4.61	0.102
6	44	39	50	50	3.08	0.0967
10	60	52	66	66	1.83	0.0906

+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.

© World Wire Cables (Aust) Pty Ltd. All Rights Reserved.

The information in this specification is to be used as a guide only. World Wire Cables (Aust) Pty Ltd has taken all due care in compiling the information in this specification but accepts no responsibility for any errors or omissions. All information provided in this specification is covered by copyright.

