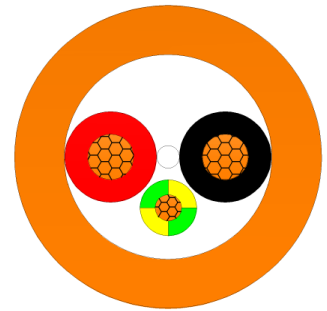




2C+E PVC Insulated Orange Circular Cables 0.6/1kV, Cu



Note: The above drawing is for representation purpose only.

Description

Conductor:	Class 2 Plain Annealed Copper
Insulation:	PVC V-90
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

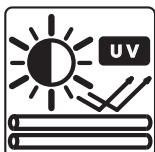
Standards Compliance

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	

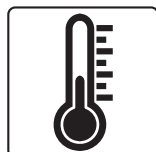
Characteristics



FLAME RETARDANT



UV RESISTANT



-25°C ~ +75°C



GREEN STAR

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

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	
1301UA	1.5	1.56	0.8	1.5	10.5	99	66	158
1302UA	2.5	2.01	0.8	2.5	11.5	109	72	214
1304UA	4	2.55	1.0	2.5	12.9	122	81	308
1306UA	6	3.12	1.0	2.5	14.0	132	88	358
1310UA	10	3.80	1.0	4	15.5	146	98	454

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.

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