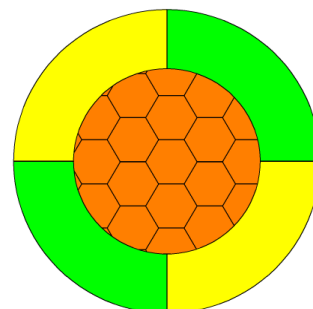




1C PVC Insulated Earth Wire 0.6/1kV, Cu



Note: The above drawing is for representation purpose only.

Description

Conductor:

Class 2 Plain Annealed Copper

Insulation:

PVC V-90

Core Identification

Green/Yellow

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 3808

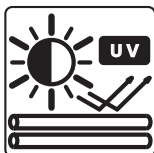
AS/NZS 1125

AS/NZS 1660.5.6 (Equivalent to IEC 60332-1)

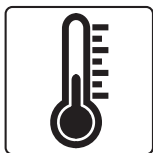
Characteristics



FLAME RETARDANT



UV RESISTANT



-25°C ~ +75°C



GREEN STAR

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1C PVC Insulated Earth Wire 0.6/1kV, Cu

Physical & Electrical Characteristics

WWC Product Code	Conductor Size (mm ²)	Conductor Diameter (mm)	Approx. Overall Diameter (mm)	Min. Bending Radius (mm)		Approx. Weight (kg/km)	Max. D.C. Resistance of conductor at 20°C (Ω/km)	Reactance at 50Hz (Ω/km)
				During Installation	After Installation			
*SME2V2.5	2.5	2.01	3.6	36	24	32	7.41	0.102
E2V4	4	2.55	4.6	44	29	52	4.61	0.102
E2V6	6	3.12	5.2	50	33	73	3.08	0.0967
E2V10	10	3.8	6.0	74	50	111	1.83	0.0906
E2V16	16	4.8	7.0	88	58	168	1.15	0.0861
E2V25	25	6.0	8.6	108	72	261	0.727	0.0853
E2V35	35	7.0	9.5	120	80	354	0.524	0.0826
E2V50	50	8.3	11.4	143	95	503	0.387	0.0797
E2V70	70	9.8	13.1	164	110	689	0.268	0.0770
E2V95	95	11.6	15.1	190	126	932	0.193	0.0766
E2V120	120	13.0	16.5	208	138	1161	0.153	0.0743
E2V150	150	14.3	18.5	233	155	1452	0.124	0.0745
*SME2V185	185	16.0	20.6	259	173	1791	0.0991	0.0744
*SME2V240	240	18.4	23.3	293	195	2313	0.0754	0.0735
*SME2V300	300	20.6	26.0	326	218	2884	0.0601	0.0732
*SME2V400	400	23.4	29.6	373	249	3817	0.0470	0.0728
*SME2V500	500	26.5	32.1	424	282	4841	0.0366	0.0723

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

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