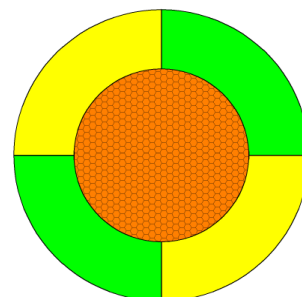
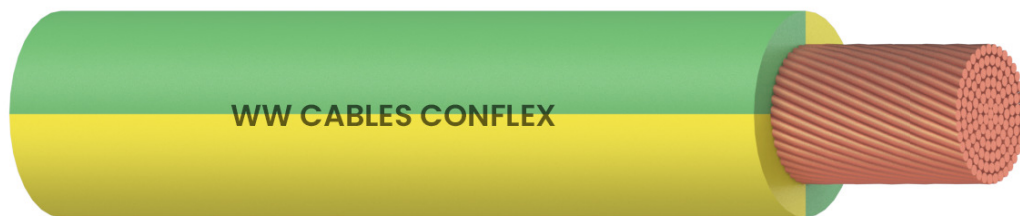




1C Flexible Earth Wire 0.6/1kV, Cu



Note: The above drawing is for representation purpose only.

Description

Conductor:

Class 5 Flexible 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

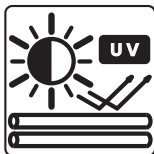
AS/NZS 1125

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

Characteristics



FLAME RETARDANT



UV RESISTANT



-25°C ~ +75°C



FLEXIBLE



GREEN STAR

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1C Flexible 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			
E5V4	4	2.54	4.5	28	19	52	4.95	0.100
E5V6	6	3.09	5.1	32	21	73	3.30	0.0954
E5V10	10	4.36	6.4	40	27	113	1.91	0.0876
E5V16	16	5.44	7.4	47	31	171	1.21	0.0835
E5V25	25	6.88	9.3	59	39	269	0.780	0.0829
E5V35	35	8.59	11.0	69	46	367	0.554	0.0801
E5V50	50	10.38	13.2	83	55	520	0.386	0.0799
E5V70	70	11.68	14.5	91	61	705	0.272	0.0773
E5V95	95	13.51	16.7	105	70	950	0.206	0.0771
E5V120	120	15.37	18.6	117	78	1182	0.161	0.0753
*SME5V150	150	16.4	20.0	126	84	1484	0.129	0.0755
*SME5V185	185	18.3	22.3	140	94	1830	0.106	0.0754
*SME5V240	240	20.8	25.2	159	106	2366	0.0801	0.0749
*SME5V300	300	23.2	28.0	176	118	2949	0.0641	0.0747
*SME5V400	400	29.2	34.4	217	144	3813	0.0486	0.0738

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

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