

World Wire Cables

Cable Solutions

1C Flexible Earth Wire 0.6/1kV, AL



Note: The above drawing is for representation purpose only.

Description

Conductor: Insulation: Flexible Aluminium PVC V-90HT

-25°C to +90°C, Maximum 105°C

Note: Where it is possible to guard against plastic flow and where reduced insulation resistance can be tolerated, V-90HT can be operated at a temperature of 105°C for an average of 500 hours

0.6/1kV

per annum.

160°C for 5 sec

Core Identification

Green/Yellow

Technical Data

Voltage Rating: Operating Temperature:

Short Circuit Temperature:

Standards Compliance

AS/NZS 5000.1 AS/NZS 3808 AS/NZS 1125 AS/NZS 1660.5.6 (Equivalent to IEC 60332-1)

Characteristics











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Physical & Electrical Characteristics

WWC Product Code	Conductor Size (mm²)	Conductor Diameter (mm)	Approx. Overall Diameter (mm)	Min. Bending Radius (mm)		Approx.	Max. D.C. Resistance	Reactance
				During Installation	After Installation	(kg/km)	or conductor at 20°C (Ω/km)	dt 50Hz (Ω/km)
EAL16V2	16	5.44	7.4	81	49	77	1.91	0.0835
EAL25V2	25	6.88	9.3	102	61	115	1.20	0.0829
EAL35V2	35	8.59	11.0	121	73	150	0.868	0.0801
EAL50V2	50	10.38	13.2	145	87	207	0.641	0.0799
EAL70V2	70	11.68	14.5	160	96	273	0.443	0.0773
EAL95V2	95	13.51	16.7	184	110	370	0.320	0.0771
EAL120V2	120	15.37	18.6	205	123	447	0.253	0.0753
EAL150V2	150	16.4	20.0	220	132	556	0.206	0.0755
EAL185V2	185	18.3	22.3	245	147	688	0.164	0.0754
EAL240V2	240	20.8	25.2	277	166	886	0.125	0.0749
EAL300V2	300	23.2	28.0	308	185	1098	0.100	0.0747
EAL400V2	400	29.2	34.4	378	227	1386	0.0778	0.0738

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