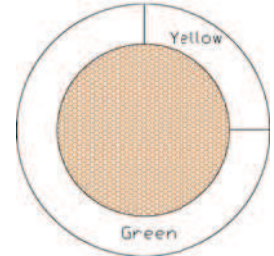


# VIPERCON ELECTRIC CABLE

## Earth Wire



### ● Configuration

Conductor: plain annealed copper or plain aluminium (class 2 strands) of the type specified in AS/NZS 1125.  
 Insulation: polyvinylchloride compound PVC V90.  
 Insulation colour: Green/Yellow

### ● Technical data

Rated voltage: 0.6 / 1 kV  
 Conductor operating temp: - 25°C ~ 90°C, short circuit: 160°C for 5 sec  
 Minimum bending radius: 12 x cable O.D

--The maximum conductor temperatures specified are based on the properties of the insulation material but in practice may need to be derated to take account of joints and terminations and environmental conditions.

--The cables should not be flexed when either the ambient or cable temperature is below 0°C

--Thermoplastic 90°C PVC insulation is subject to deformation at temperature above 75°C.

### ● Standards:

International - IEC 60502, IEC 60228, IEC 60332  
 Australian/New Zealand - AS/NZS 5000.1, AS/NZS 3808, AS/NZS 1125, AS/NZS 1660

Nominal Conductor Area (mm <sup>2</sup> )	Insulation Thickness (mm)	Cable Dia. (mm)	Copper Product Code	Approximate Weight (kg/km)	Aluminium Product Code	Approximate Weight (kg/km)
4	1.0	4.6	E2V4	52	-	-
6	1.0	5.2	E2V6	73	-	-
10	1.0	6.2	E2V10	113	-	-
16	1.0	7.3	E2V16	171	-	-
25	1.2	9.1	E2V25	266	E2V25A	111
35	1.2	10.3	E2V35	361	E2V35A	145
50	1.4	12.2	E2V50	514	E2V50A	205
70	1.4	14.0	E2V70	703	E2V70A	270
95	1.6	16.2	E2V95	952	E2V95A	364
120	1.6	17.9	E2V120	1186	E2V120A	444
150	1.8	20.0	E2V150	1484	E2V150A	556
185	2.0	22.2	E2V185	1830	E2V185A	686
240	2.2	25.1	E2V240	2366	E2V240A	881
300	2.4	28.0	E2V300	2949	E2V300A	1093

