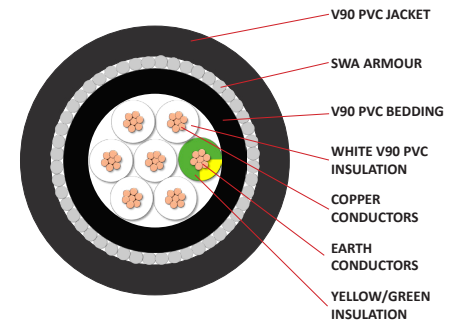


## 0.6/1kV CONTROL CABLE 2.5mm<sup>2</sup> SWA

**APPLICATION:** 0.6/1KV PVC armoured multi-core control cables are mostly used for control circuits in buildings, industrial plants, mining and petroleum industry where extra mechanical protection is required. The cables are suitable for installation indoor/outdoor, enclosed in conduit and in underground duct, and buried directly in earth.



### TECHNICAL DATA

<b>Conductor</b>	Plain annealed copper (class 2 strands) of the type specified in AS/NZS 1125
<b>Insulation</b>	Active Core: PVC, V90, White with Black Numbering Earth Core: PVC, V90, Green/Yellow
<b>Separator</b>	PET tape or non-woven tape
<b>Bedding</b>	PVC, 5V-90, Flame Retardant Black (UV Stabilised)
<b>Armour</b>	Single layer galvanised (Mild) steel wires helically applied over bedding
<b>Sheath</b>	PVC, 5V-90, Flame Retardant Black (UV Stabilised) to AS 3808 <b>Optional:</b> Orange Sheath
<b>Voltage Rating</b>	0.6/1kV
<b>Operating Temperature</b>	-25°C to +75°C, Max. 90°C, short circuit temperature 160°C for 5 sec
<b>Temperature at Surface</b>	In Operation, -25°C ~ 90°C
<b>Minimum Ambient Temperature</b>	0°C after installation and only when cable is in a fixed position
<b>Minimum Bending Radius</b>	18 x cable O.D. during installation 12 x cable O.D. after installation
<b>Standards</b>	International: IEC 60502, IEC 60228, IEC 60332 Australian/New Zealand: AS/NZS 5000.1, AS/NZS 3808, AS/NZS 1125, AS/NZS 1660

### PHYSICAL CHARACTERISTICS

Product Code	No. of Cores	Conductor Area (mm <sup>2</sup> )	Conductor Stranding (No./mm)	Insulation Thickness (mm)	Nominal O.D. Under Armour (mm)	Nominal O.D. (mm)	Approx. Weight (kg/km)
MAUCC 2C+E/2.5 SWA	2C+E	2.5	7/0.67	0.8	10.2	15.4	440
MAUCC 3C+E/2.5 SWA	3C+E	2.5	7/0.67	0.8	11.1	16.3	500
MAUCC 4C+E/2.5 SWA	4C+E	2.5	7/0.67	0.8	12.1	17.3	564
MAUCC 6C+E/2.5 SWA	6C+E	2.5	7/0.67	0.8	13.2	19.3	790
MAUCC 8C+E/2.5 SWA	8C+E	2.5	7/0.67	0.8	14.3	20.4	895
MAUCC 10C+E/2.5 SWA	10C+E	2.5	7/0.67	0.8	16.8	22.9	1069
MAUCC 12C+E/2.5 SWA	12C+E	2.5	7/0.67	0.8	18.3	25.1	1335
MAUCC 15C+E/2.5 SWA	15C+E	2.5	7/0.67	0.8	19.3	26.1	1477
MAUCC 20C+E/2.5 SWA	20C+E	2.5	7/0.67	0.8	21.6	28.4	1745
MAUCC 25C+E/2.5 SWA	25C+E	2.5	7/0.67	0.8	24.0	31.0	2041
MAUCC 30C+E/2.5 SWA	30C+E	2.5	7/0.67	0.8	26.5	33.5	2335
MAUCC 40C+E/2.5 SWA	40C+E	2.5	7/0.67	0.8	30.3	38.5	3168
MAUCC 50C+E/2.5 SWA	50C+E	2.5	7/0.67	0.8	33.0	41.4	3665

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