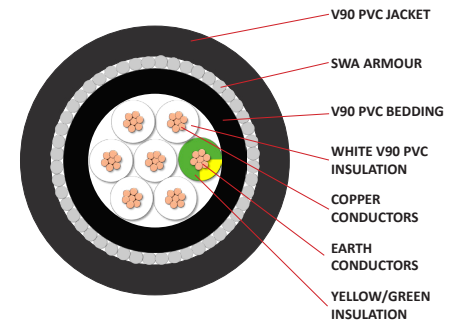
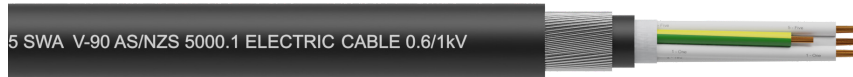


0.6/1kV CONTROL CABLE 1.5mm² SWA

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

Conductor	Plain annealed copper (class 2 strands) of the type specified in AS/NZS 1125
Insulation	Active Core: PVC, V90, White with Black Numbering Earth Core: PVC, V90, Green/Yellow
Separator	PET tape or non-woven tape
Bedding	PVC, 5V-90, Flame Retardant Black (UV Stabilised)
Armour	Single layer galvanised (Mild) steel wires helically applied over bedding
Sheath	PVC, 5V-90, Flame Retardant Black (UV Stabilised) to AS 3808 Optional: Orange Sheath
Voltage Rating	0.6/1kV
Operating Temperature	-25°C to +75°C, Max. 90°C, short circuit temperature 160°C for 5 sec
Temperature at Surface	In Operation, -25°C ~ 90°C
Minimum Ambient Temperature	0°C after installation and only when cable is in a fixed position
Minimum Bending Radius	18 x cable O.D. during installation 12 x cable O.D. after installation
Standards	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 ²)	Conductor Stranding (No./mm)	Insulation Thickness (mm)	Nominal O.D. Under Armour (mm)	Nominal O.D. (mm)	Approx. Weight (kg/km)
MAUCC 2C+E/1.5 SWA	2C+E	1.5	7/0.50	0.8	9.1	14.3	372
MAUCC 3C+E/1.5 SWA	3C+E	1.5	7/0.50	0.8	9.9	15.1	418
MAUCC 4C+E/1.5 SWA	4C+E	1.5	7/0.50	0.8	10.8	16.0	466
MAUCC 6C+E/1.5 SWA	6C+E	1.5	7/0.50	0.8	11.7	16.9	536
MAUCC 8C+E/1.5 SWA	8C+E	1.5	7/0.50	0.8	12.6	18.7	733
MAUCC 10C+E/1.5 SWA	10C+E	1.5	7/0.50	0.8	14.8	20.9	868
MAUCC 12C+E/1.5 SWA	12C+E	1.5	7/0.50	0.8	16.0	22.1	964
MAUCC 15C+E/1.5 SWA	15C+E	1.5	7/0.50	0.8	16.9	23.0	1062
MAUCC 20C+E/1.5 SWA	20C+E	1.5	7/0.50	0.8	18.8	25.6	1391
MAUCC 25C+E/1.5 SWA	25C+E	1.5	7/0.50	0.8	20.9	27.7	1601
MAUCC 30C+E/1.5 SWA	30C+E	1.5	7/0.50	0.8	23.0	29.8	1819
MAUCC 40C+E/1.5 SWA	40C+E	1.5	7/0.50	0.8	26.0	33.0	2199
MAUCC 50C+E/1.5 SWA	50C+E	1.5	7/0.50	0.8	28.3	36.5	2799

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