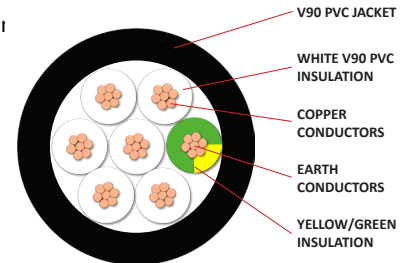
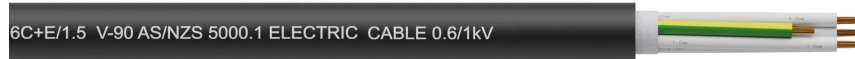


## 0.6/1kV CONTROL CABLE 1.5mm<sup>2</sup>

**APPLICATION:** 0.6/1KV PVC Sheathed multi-core control cables are mostly used for control circuits in buildings, industrial plants, gantry wiring and road transport depots where not subject to mechanical damage. The cables are suitable for installation indoor/outdoor, enclosed in conduit and in underground duct..



### 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<br>Earth Core: PVC, V90, Green/Yellow  |
| Sheath                      | PVC, 5V-90, Flame Retardant Black (UV Stabilised) <b>Optional:</b> 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      | 10 x cable O.D. during installation<br>6 x cable O.D. after installation   |
| Standards                   | International: IEC 60502, IEC 60228, IEC 60332<br>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<br>(mm <sup>2</sup> ) | Conductor Stranding<br>(No./mm) | Insulation Thickness<br>(mm) | Nominal O.D.<br>(mm) | Approx. Weight<br>(kg/km) |
|-----------------|--------------|--------------------------------------|---------------------------------|------------------------------|----------------------|---------------------------|
| MAUCC 2C+E/1.5  | 2C+E         | 1.5                                  | 7/0.50                          | 0.8                          | 10.7                 | 159                       |
| MAUCC 3C+E/1.5  | 3C+E         | 1.5                                  | 7/0.50                          | 0.8                          | 11.5                 | 189                       |
| MAUCC 4C+E/1.5  | 4C+E         | 1.5                                  | 7/0.50                          | 0.8                          | 12.4                 | 220                       |
| MAUCC 6C+E/1.5  | 6C+E         | 1.5                                  | 7/0.50                          | 0.8                          | 13.3                 | 272                       |
| MAUCC 8C+E/1.5  | 8C+E         | 1.5                                  | 7/0.50                          | 0.8                          | 14.2                 | 325                       |
| MAUCC 10C+E/1.5 | 10C+E        | 1.5                                  | 7/0.50                          | 0.8                          | 16.4                 | 402                       |
| MAUCC 12C+E/1.5 | 12C+E        | 1.5                                  | 7/0.50                          | 0.8                          | 17.6                 | 463                       |
| MAUCC 15C+E/1.5 | 15C+E        | 1.5                                  | 7/0.50                          | 0.8                          | 18.5                 | 536                       |
| MAUCC 20C+E/1.5 | 20C+E        | 1.5                                  | 7/0.50                          | 0.8                          | 20.4                 | 671                       |
| MAUCC 25C+E/1.5 | 25C+E        | 1.5                                  | 7/0.50                          | 0.8                          | 22.5                 | 811                       |
| MAUCC 30C+E/1.5 | 30C+E        | 1.5                                  | 7/0.50                          | 0.8                          | 24.6                 | 956                       |
| MAUCC 40C+E/1.5 | 40C+E        | 1.5                                  | 7/0.50                          | 0.8                          | 27.6                 | 1221                      |
| MAUCC 50C+E/1.5 | 50C+E        | 1.5                                  | 7/0.50                          | 0.8                          | 30.1                 | 1486                      |

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