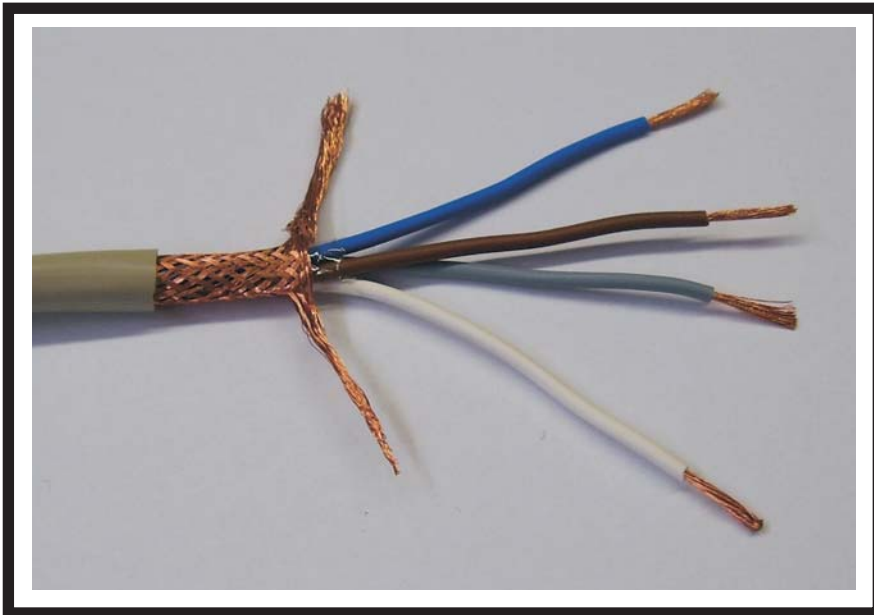




# C070 STEPPING MOTOR CABLE



**Braided screen.**

**4 cores.**

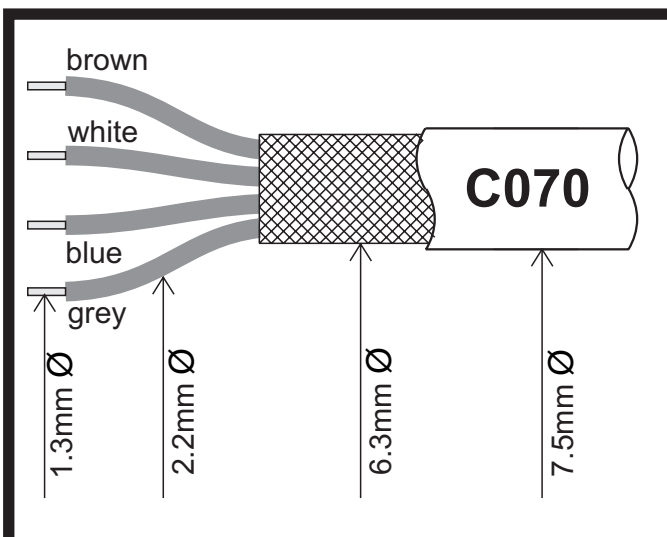
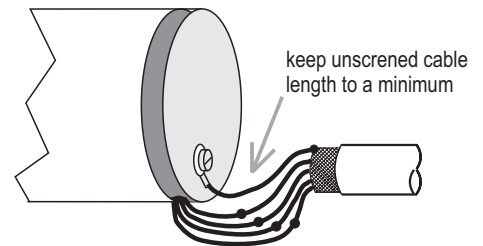
**Coloured conductors.**

**For 2 phase steppers.**

Due to the high frequency switching of motor currents in stepper motors, screened motor cables should be used to minimise noise emissions. Unscreened motor cables can result in high frequency interference being emitted by motor cables, affecting other devices. Using screened motor cable is one way towards ensuring Australian C-tick compliance. Four core, high current screened cables with low diameter and coloured conductors were not readily available in Australia until AMS started stocking this product. The coloured conductors also make installation much easier than cables with numbered, monochrome conductors.

To connect cable to motor leads, clip the motor leads as close as possible to the motor and join screened cable conductors. The screen should be connected to the earth screw on the motor. If an earth screw is not available, connection to the machine is also satisfactory.

The RTA stepper drives and Sanyo Denki stepper motors have the Australian C-tick mark .



## SPECIFICATIONS

### CONDUCTORS

30 strands of 0.2mm dia.  
2.2mm outer dia inc. insulation  
1mm<sup>2</sup> cross sectional area

### COLOURS

blue, white, brown & grey

### SCREEN

copper braided

### CURRENT RATING

12 Amps (open air)  
7 Amps (enclosed in loom - depends on temperature)

### WEIGHT

0.092 kg/metre.