

# Datasheet

## Signal Wire Specification

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### Technical/Performance Specification:

Low voltage/low current cable suitable for security and alarm circuits.

#### Construction

7/0.2mm tinned copper conductors insulated with coloured PVC (type 2 to BS6746) assembled in a compact circular formation and sheathed overall with white PVC (type TM1 to BS6746).

#### Overall Diameter

4 core 3.4mm  $\pm$ 0.3mm  
6 core 4.0mm  $\pm$ 0.4mm  
8 core 4.9mm  $\pm$ 0.5mm

#### Colour Coding of Cores

4 core : red, yellow, blue, black  
6 core : red, yellow, white, black, blue, green  
8 core : red, yellow, white, black, blue, green, brown, orange.

Voltage Rating : 60Vac

Current Rating : 1 amp per core

Conductor Resistance : 92 ohms/km @ 20°C

Minimum Insulation Resistance : 50M $\Omega$ /km @ 20°C