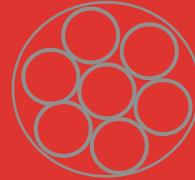# Security Alarm Cable

Kinetic Security Alarm cable is carefully specified to ensure quality of materials, performance, robustness and ease of use.

Available in *Standard* or *Premium* grade in variety of sizes and specifications to suit installation requirements.

**Application:**

Flexible cable used for the wiring of security systems, access control, burglar alarms and other low voltage applications.

**Construction overview:**

7 stranded conductors of 0.20 mm with PVC insulation and PVC sleeve in white (optional: dark brown). Good flexibility combined with robustness and a strong nylon stripping cord.

Available as 4,6,8 or 12core, unscreened, foil screened or Low smoke and Fume (LSF)

**Conductor:**

*Standard:* TCCA (Tinned Copper Clad Aluminium) with good copper content @35%

*Premium:* Tinned Copper

**Insulation:** PVC (Polyvinyl Chloride)
**Sheath:** PVC (Polyvinyl Chloride)
**Sheath Colour:** White ( optional brown)
**Voltage Rating:** 50V
**Temperature Rating:** -10ºC to +70ºC

**Low Smoke & Fume:**
Special low emission PVC outer sheathing <`10% acid emission, >32% oxygen index level.

**Screened Cable:**
Has the same cores as the standard cable but Sheathed with an aluminium foil screen and has an earth drain wire, to reduce potential RF interference which may cause false alarms.

**Conductor Identification:**
4 Cores: Red, Blue, Yellow, Black,
6 Cores: Red, Blue, Yellow, Black, Green, White
8 Cores: Green, Yellow, White, Black, Blue, Red, Orange, Brown

**Reel:** Robust construction with cardboard and metal inner. - 100m length
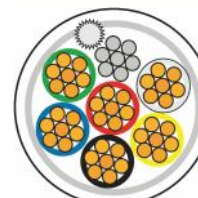
**Part References:**
Unscreened: 4CORE, 6CORE, 8CORE
Screened:    4CORE-S, 6CORE-S, 8CORE-S

### 6CORE

6 Core Un-screened Alarm cable with cross section diag.

### 6CORE-S

6 Core Foil Screened Alarm cable with cross section diag.

| Specification | *Standard* | *Premium* |
|---|---|---|
| Core material: | TCCA (35% Copper) | Tinned annealed Copper |
| Strands: | 7 x 0.20 mm | 7 x 0.20 mm |
| Gauge | 24AWG | 24AWG |
| Insulation | PVC, 0.3mm | PVC, 0.3 mm |
| Outer sheath | Polyvinyl Chloride (PVC) | Polyvinyl Chloride (PVC) |
| Sheath colour | white, ( optional brown) | White (Optional Brown) |
| Stripping | Nylon stripping cord | Nylon stripping cord |
| Max voltage | 50V RMS | 50V RMS |
| Current rating | 1 Amp | 1 Amp |
| Operating Temp. | -10ºC to +70ºC | -10ºC to +70ºC |
| BS Standards | — | BS4737 sec 3.3 / EN50131/7 |
| RoHs | Yes | yes |
| **Options:** | | |
| Core conductors | 4,6,8 or 12 Core | 4,6,8 or 12 Core |
| Screen | Foil screen (optional) | Foil screen (optional) |
| Low Smoke & Fume | LSF PVC jacket (optional) | LSF PVC Jacket (optional) |