

## Datasheet

### **RS PRO Green/Yellow Single Core x 25.0sqmm (Class 5 PCW), PVC Insulated, 600/1000V, Type BK 25m**

RS Stock No: **516-8117**



## Product Details

RS Pro switchgear cable in green/yellow colour, has a plain copper stranded conductor covered with a PVC sheath. This cable is intended for wiring of control and instrument panels, metering equipment, industrial plant wiring etc. It has a wire length of 25 m with cross sectional area of 25 mm<sup>2</sup> and voltage rating of 600/1000V .

## Features and Benefits

- Plain copper stranded conductor covered with a PVC sheath
- Intended for wiring of control and instrument panels, metering equipment, industrial plant wiring etc
- BK type

**Specifications:**

|                               |   |
|-------------------------------|---|
| American Wire Gauge           | 3 AWG                                       |
| Conductor Material            | 180/0.40mm Plain Annealed Copper (Class     |
| Core Strands                  | 196/0.4 mm                                  |
| Cross Sectional Area          | 25 mm <sup>2</sup>                          |
| Current Rating                | 130 A                                       |
| Insulation Material           | PVC (Type TI1 to BS EN 50363)               |
| Insulation Wall Thickness     | 1.20mm (Nominal)                            |
| Length                        | 25 m  |
| Maximum Operating Temperature | +70°C                                       |
| Number of Strands             | 196   |
| Operating Temperature Range   | -15 to +70°C                                |
| Outer Diameter                | 11.5 mm                                     |
| Sheath Colour                 | Green/Yellow                                |
| Size of Strands               | 0.4 mm                                      |
| Standards Met                 | BS 6231:2006                                |
| Type                          | Single Core, BK                             |
| Voltage Rating                | 600 V, 1000 V                               |
| Conductor Resistance          | 0.78 Ω/km @ 20°C (Maximum)                  |
| Diameter Over Insulation      | Lower Limit: 8.40mm<br>Upper Limit: 11.50mm |