



# Caledonian

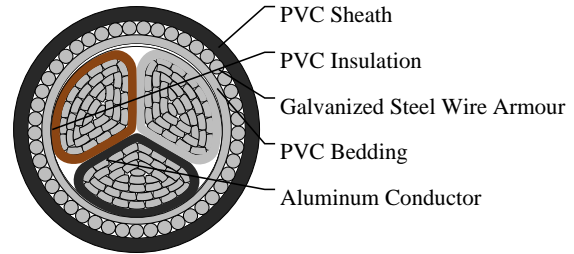
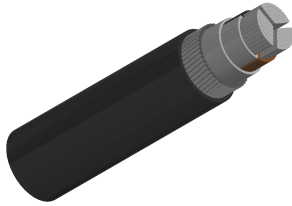
BS 6346 Cables

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## BS 6346 PVC Insulated Cables, 1900/3300V

Three-core 1900/3300V cables with solid aluminum conductors  
3C50



### APPLICATIONS

These cables are used for power and control circuits, they can offer excellent protection through the use of a heavy galvanized steel wire armour, so they are well adapted to underground use in industrial applications, in moist areas.

### STANDARDS

BS 6346

### FIRE PERFORMANCE

Flame retardant	IEC60332 part 1, BS4066 part 1
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### VOLTAGE RATING

1900/3300V

### CABLE CONSTRUCTION

Conductor: Shaped Solid Aluminum conductor to BS 6460, IEC 60228

Insulation: PVC (Polyvinyl Chloride) type T11

Filler (optional): PVC or Polypropylene yarn

Binder Tape (optional): Polyester (Mylar) tape

Inner Sheath/ Bedding: PVC (Polyvinyl Chloride)

Armour: SWA (Galvanized Steel Wire or Tape Armour)

Outer Sheath: PVC (Polyvinyl Chloride), type TM1

### COLOUR CODE

Insulation Colour: Brown, Black, Grey

### PHYSICAL AND THERMAL PROPERTIES

Temperature rating: -20°C to +60°C

Bending radius:

Single core: 10 x overall diameter



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Multicores: 8 x overall diameter

### DIMENSION AND PARAMETERS

No. of Cores × Cross- sectional Area	Nominal Insulation Thickness	Nominal Bedding Thickness	Nominal Sheath Thickness	Nominal Steel Wire Armour Diameter	Approx. Overall Diameter	Approx. Weight
No. × mm <sup>2</sup>	mm	mm	mm	mm	mm	kg/km
3x50 Shaped	2.2	1.2	2	2	33.9	2880