



Caledonian

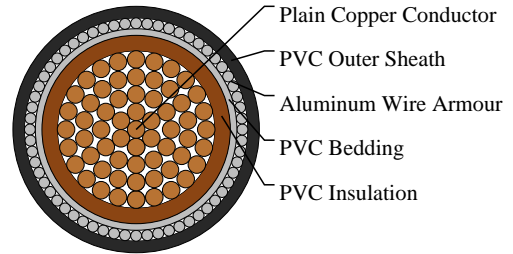
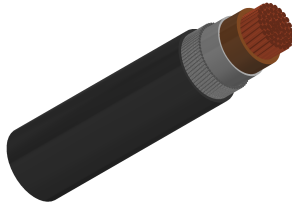
BS 6346 Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

BS 6346 PVC Insulated Cables, 600/1000V

Single-core 600/1000 V cables with circular stranded copper conductor
1C500



APPLICATIONS

These power and control cables are used for electricity supply in low voltage installation system. They are well adapted to underground use in industrial applications where chemical and mechanical protections are needed (refinery areas, chemical plant...).

STANDARDS

BS 6346

FIRE PERFORMANCE

Flame Retardant	IEC60332 part 1, BS4066 part 1
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VOLTAGE RATING

600/1000V

CABLE CONSTRUCTION

Conductor: Copper conductor, round stranded Class 2 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: AWA (Aluminum Wire Armour)

Outer Sheath: PVC (Polyvinyl Chloride), type TM1

COLOUR CODE

Insulation: Brown.

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	No. and Dia. of Wires	Nominal Insulation Thickness	Nominal Bedding Thickness	Nominal Sheath Thickness	Nominal Aluminum Wire Armour Diameter	Approx. Overall Diameter	Approx. Weight
No.×mm ²	no./mm	mm	mm	mm	mm	mm	kg/km
1x500	61/3.2	2.8	1.2	2.1	2	45.6	5930