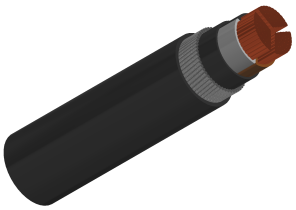
Caledonian

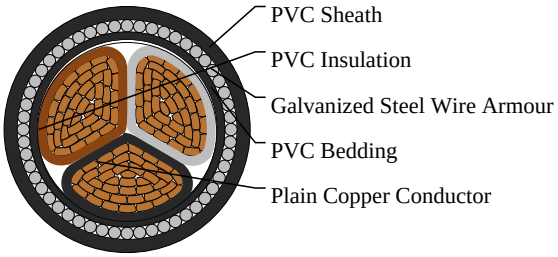
BS 6346 Cables

www.caledonian-cables.com marketing@caledonian-cables.com

BS 6346 PVC Insulated Cables, 600/1000V

Three-core 600/1000V cables with stranded copper conductors
3C70





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 Retardance	IEC60332 part 1, BS4066 part 1

VOLTAGE RATING

600/1000V

CABLE CONSTRUCTION

Conductor: Copper conductor, shaped stranded Class 2 to BS 6460,IEC 60228
Insulation: PVC(Polyvinyl Chloride) type TI1
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	No./ Nominal Diameter of Strands	Nominal Insulation Thickness	Nominal Bedding Thickness	Nominal Sheath Thickness	Nominal Steel Wire Armour Diameter	Approx. Overall Diameter (Extruded Bedding)	Approx. Overall Diameter (Taped Bedding)	Approx. Weight
No.×mm²	no./mm	mm	mm	mm	mm	mm	mm	kg/km
3x70 Shaped	19/2.14	1.4	1.2	2	2	35	34.2	3518

Rated voltage

BS 6346


Flame Retardancy
BS EN 50265-2-1