



# Caledonian

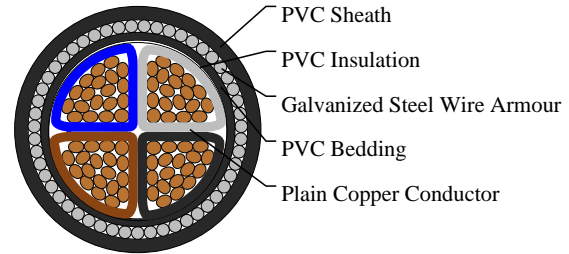
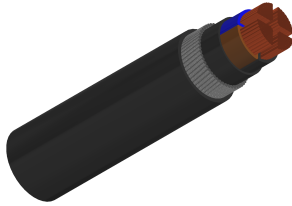
BS 6346 Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

## BS 6346 PVC Insulated Cables, 600/1000V

Four-core 600/1000V cables with stranded copper conductors  
4C50



## 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
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## VOLTAGE RATING

600/1000V

## CABLE CONSTRUCTION

Conductor: Copper conductor, shaped 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: SWA (Galvanized Steel Wire or Tape Armour)

Outer Sheath: PVC (Polyvinyl Chloride), type TM1

## COLOUR CODE

Insulation Colour: Blue, 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. × mm <sup>2</sup>	no./mm	mm	mm	mm	mm	mm	mm	kg/km
4x50 Shaped	19/1.78	1.4	1.2	2	2	35.4	34.6	3475



Rated voltage



BS 6346



Flame Retardancy  
BS EN 50265-2-1