



Caledonian

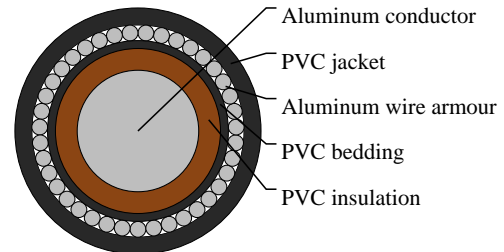
BS 6346 Cables

www.caledonian-cables.co.uk

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BS 5467 Armoured Power Cables, 1900/3300 V

Single-core 1900/3300V cables with solid aluminum conductor



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

1900/3300 V

CABLE CONSTRUCTION

Conductor: Solid Aluminum round 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: Extruded PVC, type 9 specified in BS7655

COLOUR CODE

Insulation code: Brown

PHYSICAL AND THERMAL PROPERTIES

Temperature rating: 0°C to +90°C

Bending radius: 10 x overall diameter

DIMENSION AND PARAMETERS



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No. of Cores × Cross- sectional Area	Conductor Class	Nominal Insulation Thickness	Nominal Bedding Thickness	Nominal Sheath Thickness	Nominal Aluminum Wire Armour Diameter	Approx. Overall Diameter	Approx. Weight
No.xmm ²		mm	mm	mm	mm	mm	kg/km
1x120	1	1.2	1.0	1.7	1.6	25.6	1090