Caledonian

BS 5467 Cables

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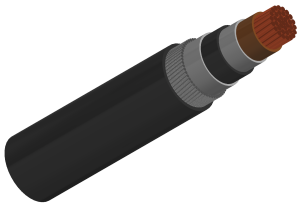
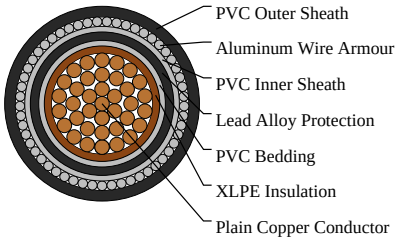
EEMUA 133 Lead covered armoured Power Cables to BS 5467, 600/1000V

Single-core 600/1000 V cables with lead sheath
1C120





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, in moist areas, where hydrocarbon and mechanical protections are needed and are protected against solvent penetration and corrosive attacks. The lead cover brings an enhanced resistance to aromatic hydrocarbons.

STANDARDS

BS 5467

FIRE PERFORMANCE

Flame Retardant	BS EN 60332-1-2

VOLTAGE RATING

600/1000V

CABLE CONSTRUCTION

Conductor: Copper conductor, round stranded Class 2 to BS EN60228.
Insulation: XLPE (Cross-Linked Polyethylene) Type GP 8 conforming to BS 7655-1.3 or type GP6 conforming to BS 7655-1.2.
Bedding: PVC (Polyvinyl Chloride).
Protection: LC (Lead alloy 'E') sheathed.
Inner Sheath: PVC (Polyvinyl Chloride).
Armour: AWA (Aluminum Wire Armour).
Outer Sheath: PVC(Polyvinyl Chloride), or anti-rodent and anti-termite PVC(optional).

COLOUR CODE

Insulation: Brown.

PHYSICAL AND THERMAL PROPERTIES

Temperature rating: 0°C to +90°C

Bending radius: 12 x overall diameter

DIMENSION AND PARAMETERS

No. of Cores × Cross-sectional Area	No. and Dia. of Wires	Nominal Insulation Thickness	Nominal Lead Sheath Thickness	Nominal Inner Sheath Thickness	Nominal Outer Sheath Thickness	Nominal Aluminum Wire Armour Diameter	Approx. Overall Diameter	Approx. Weight
No.×mm²	no./mm	mm	mm	mm	mm	mm	mm	kg/km
1x120	37/2.03	1.2	1.3	0.8	1.6	1.37	25.5	2365