



Caledonian

BS 5467 Cables

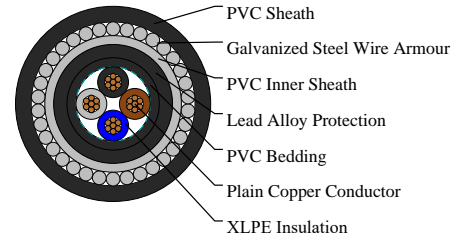
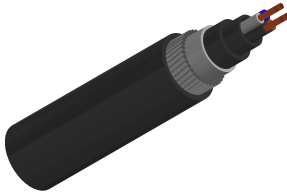
www.caledonian-cables.com

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

Four-core 600/1000V cables with lead sheath

4C1.5



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 Retardance | 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: GSWA (Galvanized Steel Wire Armour).

Outer Sheath: PVC(Polyvinyl Chloride), or anti-rodent and anti-termite PVC(optional).

COLOUR CODE

Insulation Colour:Blue, Brown, Black, Grey

PHYSICAL AND THERMAL PROPERTIES

Temperature rating: 0°C to +90°C



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Bending radius: 12 x overall diameter

DIMENSION AND PARAMETERS

| No. of Cores × Cross-sectional Area | No./ Nominal Diameter of Strands | Nominal Insulation Thickness | Nominal Lead Sheath Thickness | Nominal Inner Sheath Thickness | Nominal Outer Sheath Thickness | Nominal Steel Wire Armour Diameter | Approx. Overall Diameter | Approx. Weight |
|-------------------------------------|----------------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|------------------------------------|--------------------------|----------------|
| No. × mm ² | no./mm | mm | mm | mm | mm | mm | mm | kg/km |
| 4x1.5 | 7/0.53 | 0.7 | 1.2 | 0.8 | 1.4 | 1.25 | 19 | 1140 |