



**Caledonian**

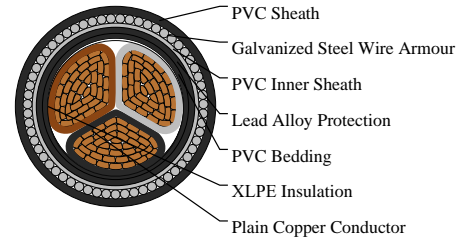
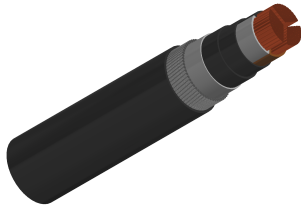
BS 5467 Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

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

Three-core 600/1000V cables with lead sheath  
3C185



### 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, shaped 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: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 <sup>2</sup>               | no./mm                           | mm                           | mm                            | mm                             | mm                             | mm                                 | mm                       | kg/km          |
| 3x185 Shaped                        | 37/2.52                          | 1.6                          | 1.9                           | 1.4                            | 2.4                            | 3.15                               | 56.5                     | 12195          |



Rated voltage



BS 6346



Flame Retardancy  
BS EN 50265-2-1