



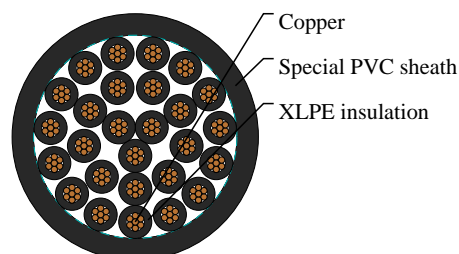
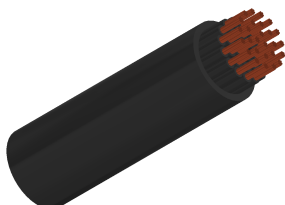
# Caledonian

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## 600V/1000V XLPE Insulated Unarmored Cable to IEC 60502-1

XLPE Insulated Unarmored Cable 27C1.5



### APPLICATIONS

These cables are used for electricity supply in low voltage installation system. They are suitable for installation in indoors and outdoors, in cable ducts, under ground, in power and switching stations, local energy distributions, industrial plants, where chemicals may be present.

### CABLE CONSTRUCTION

Conductor: Stranded copper

Insulation: XLPE

Sheath: Special PVC. Color: black

### COLOUR CODE

Above 5 cores: Black core printed with white numbers

### PHYSICAL AND THERMAL PROPERTIES

Rated voltage: 600V/1000V

Fire retardance: IEC 60332-3-22

Operating temperature: -20~60°C

Max. conductor operating temperature: 90°C

Chemical resistance: Aliphatic and aromatic hydrocarbon resistance

### DIMENSION AND PARAMETERS

| No. of Cores | Nominal Cross-sectional Area | Conductor Class   | Nominal Diameter over Insulation | Overall Diameter (min.) | Overall Diameter (max.) | Approx. Weight |
|--------------|------------------------------|-------------------|----------------------------------|-------------------------|-------------------------|----------------|
|              | mm <sup>2</sup>              |                   | mm                               | mm                      | mm                      | kg/km          |
| 27           | 1.5                          | Stranded, Class 2 | 2.9                              | 22.12                   | 24.4                    | 872            |