



# Caledonian

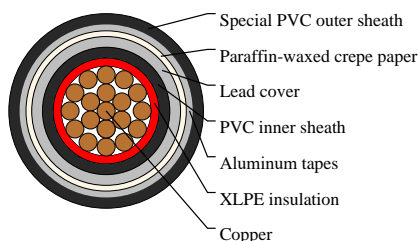
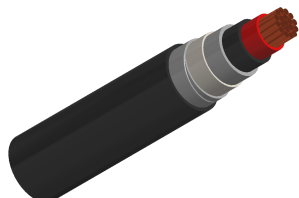
Cables For Oil Industry

[www.caledonian-cables.com](http://www.caledonian-cables.com)

[marketing@caledonian-cables.com](mailto:marketing@caledonian-cables.com)

## 600V/1000V XLPE Insulated Aluminum Tape Armored Cable with Lead Cover to IEC 60502-1

XLPE Insulated Aluminum Tape Armored Cable with Lead Cover 1C95



### 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 require hydrocarbon and mechanical protections. The lead sheath brings an enhanced resistance to aliphatic and aromatic hydrocarbon.

### CABLE CONSTRUCTION

Conductor: Stranded copper

Insulation: XLPE

Inner sheath: PVC

Lead cover

Bedding: Paraffin-waxed crepe paper

Aarmor: Aluminum tapes

Sheath: Special PVC. Color: black

### COLOUR CODE

1 Core: Red or Black

### 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 | Diameter Over Inner Sheath | Diameter over Lead Sheath | Overall Diameter (min.) | Overall Diameter (max.) | Nominal Diameter Over Armour | Approx. Weight |
|--------------|------------------------------|-----------------|----------------------------------|----------------------------|---------------------------|-------------------------|-------------------------|------------------------------|----------------|
|              | mm <sup>2</sup>              |                 | mm                               | mm                         | mm                        | mm                      | mm                      | mm                           | kg/km          |



Caledonian

Cables For Oil Industry

[www.caledonian-cables.com](http://www.caledonian-cables.com)

[marketing@caledonian-cables.com](mailto:marketing@caledonian-cables.com)

|   |    |                      |       |      |    |       |      |      |      |
|---|----|----------------------|-------|------|----|-------|------|------|------|
| 1 | 95 | Stranded,<br>Class 2 | 13.55 | 15.6 | 18 | 24.35 | 26.9 | 21.5 | 1966 |
|---|----|----------------------|-------|------|----|-------|------|------|------|