

### Caledonian

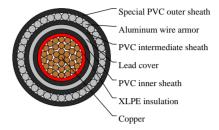
## Cables For Oil Industry www.caledonian-cables.com

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

XLPE Insulated Aluminum Wire Armored Cable with Lead Cover 1C120





#### **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

Intermediate sheath: PVC Armor: Aluminum wires

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	Diameter over I		Over Inner				Nominal Diameter Over Armour	
	mm²	mm	mm	mm	mm	mm	mm	mm	kg/km



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1   120   Stranded,   15.26   22.3   17.3   19.9   29   32   26.1		19.9		17.3	22.3	5.26	Stranded, Class 2	120	1	
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