



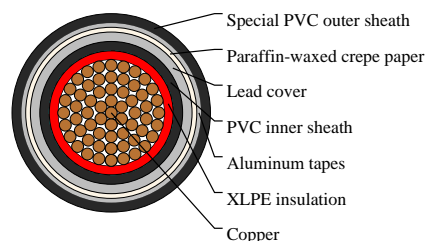
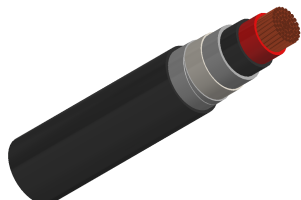
# Caledonian

Cables For Oil Industry  
www.caledonian-cables.com

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 1C300



### 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  
Armor: 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



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1	300	Stranded, Class 2	24.2	26.2	29.2	35.6	39.3	32.7	4882
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