

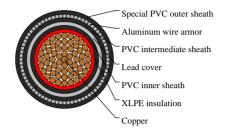
Caledonian Cables For Oil Industry www.caledonian-cables.com

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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 1C500





# **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	Class	Diameter	Diameter Over ntermediat	Over			Overall Diameter (max.)		
	Area		Insulation			Sheath	× /	(max.)	Armour	
	mm²		mm	mm	mm	mm	mm	mm	mm	kg/km



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1	500	Stranded, Class 2	31.4	39.8	33.8	37.2	48.11	53.1	44.8	8281	
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