

Caledonian

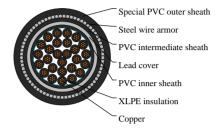
Cables For Oil Industry www.caledonian-cables.com

marketing@caledonian-cables.com

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

XLPE Insulated Steel Wire Armored Cable with Lead Cover 27C2.5





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 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: Galvanized steel wires 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	Nominal	Conductor	Nominal	Diameter	Diameter	Diameter	Overall	Overall	Nominal	Approx.
Cores	Cross-	Class	Diameter	Over	Over	over	Diameter	Diameter	Diameter	Weight
	sectional		over li	ntermediat	Inner	Lead	(min.)	(max.)	Over	
	Area		Insulation	Sheath	Sheath	Sheath			Armour	
	mm²		mm	mm	mm	mm	mm	mm	mm	kg/km



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	27	2.5	Stranded,	3.31	27.5	23	25.6	34.44	38	31.5	3586
- 1			Class Z								