



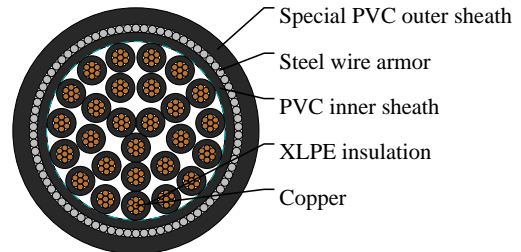
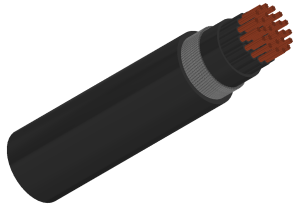
# Caledonian

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## 600V/1000V XLPE Insulated Steel Wire Armored Cable to IEC 60502-1

XLPE Insulated Steel Wire Armored Cable 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 chemical and mechanical protections.

### CABLE CONSTRUCTION

- Conductor: Stranded copper
- Insulation: XLPE
- Inner sheath: PVC. Color: black
- 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 Cores	Nominal Cross-sectional Area	Conductor Class	Nominal Diameter over Insulation	Diameter Over Inner Sheath	Overall Diameter (min.)	Overall Diameter (max.)	Nominal Diameter Over Armour	Approx. Weight
	mm <sup>2</sup>		mm	mm	mm	mm	mm	kg/km
27	2.5	Stranded, Class 2	3.31	23	28.91	31.9	26.2	1946