

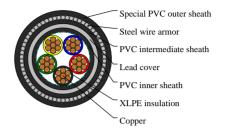
Caledonian Cables For Oil Industry www.caledonian-cables.com

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

XLPE Insulated Steel Wire Armored Cable with Lead Cover 5C10





### **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

5 Cores: Red, Yellow, Blue, Black, Green

#### 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   |



# Caledonian

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| 5 | 10 | Stranded,<br>Class 2 | 5.25 | 21.3 | 16.5 | 18.9 | 27.26 | 30.1 | 24.5 | 2421 |  |
|---|----|----------------------|------|------|------|------|-------|------|------|------|--|
|---|----|----------------------|------|------|------|------|-------|------|------|------|--|