



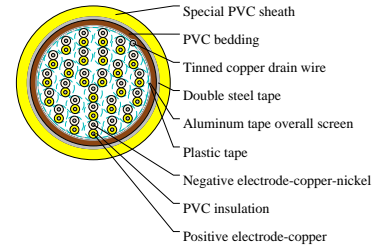
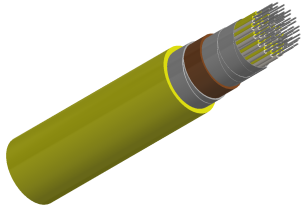
Caledonian

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Overall Screened & Armored Thermocouple Cable

SCB Overall Screened & Armored Thermocouple Cable 27P0.5



APPLICATIONS

These cables are suitable for underground use in industries where hydrocarbon may be present and mechanical protections are required.

STANDARDS

IEC 60584-3; NF C 42-324

CABLE CONSTRUCTION

Conductor: Metal according to thermocouple type

Insulation: PVC

Overall screen: Aluminum/polyester tape with tinned copper drain wire

Inner sheath: PVC

Armour: Double steel tape

Sheath: Special PVC

Color depends on thermocouple type

PHYSICAL AND THERMAL PROPERTIES

Flame retardance: NFC 32070 C2, IEC 60332-1-2

Operating voltage: 250V

Operating temperature: -20~60°C

Max. conductor temperature in service: 70°C

Chemical resistance: Aliphatic and aromatic hydrocarbon resistance

DIMENSION AND PARAMETERS

| No. of Pairs | Conductor Size | No./Nominal Diameter of Strands | Overall Diameter (min.) | Overall Diameter (max.) | Approx. Weight |
|--------------|-----------------|---------------------------------|-------------------------|-------------------------|----------------|
| | mm ² | no./mm | mm | mm | kg/km |
| 27 | 0.5 | 1/0.8 | 23.2 | 26.6 | 830 |