



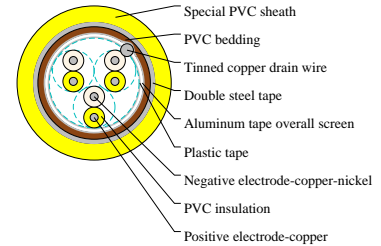
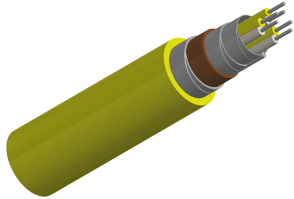
# Caledonian

Cables For Oil Industry  
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## Overall Screened & Armored Thermocouple Cable

SCB Overall Screened & Armored Thermocouple Cable 3P0.5



### 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 <sup>2</sup>	no./mm	mm	mm	kg/km
3	0.5	1/0.8	11.4	13.1	225