



# Caledonian

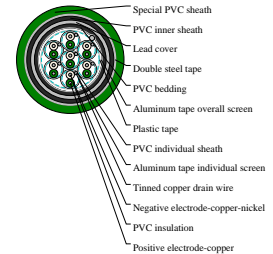
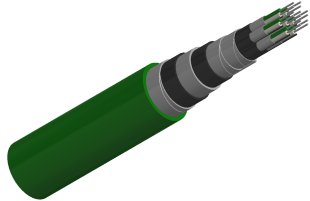
Cables For Oil Industry

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## Individual & Overall Screened & Armored Thermocouple Cable with Lead Cover

KCB Individual & Overall Screened & Armored Thermocouple Cable with Lead Cover 7P0.5



### APPLICATIONS

These cables are suitable for underground use in industries, in moist areas, where require chemical and mechanical protections. The lead sheath brings an enhanced resistance to aliphatic and aromatic and aromatic hydrocarbon.

### STANDARDS

IEC 60584-3; NF C 42-324

### CABLE CONSTRUCTION

Conductor: Metal according to thermocouple type

Insulation: PVC

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

Individual sheath: PVC

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

Inner sheath: PVC

Lead cover

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	Diameter over Lead Sheath	Overall Diameter (min.)	Overall Diameter (max.)	Approx. Weight
	mm <sup>2</sup>	mm	mm	mm	kg/km



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