



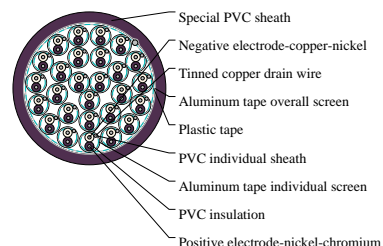
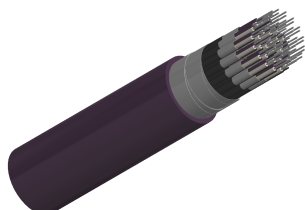
Caledonian

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Overall Screened Thermocouple Cable

EX Individual & Overall Screened Thermocouple Cable 27P0.5



APPLICATIONS

These cables are used with thermocouples for temperature measurements where hydrocarbon may be present.

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

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	Overall Diameter (min.)	Overall Diameter (max.)	Approx. Weight
	mm ²	mm	mm	kg/km
27	0.5 solid	28.9	33.2	1135