



Caledonian

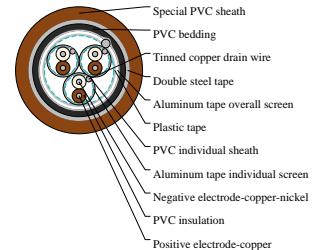
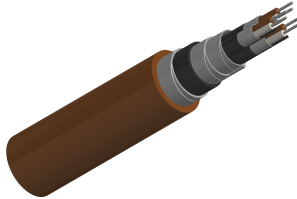
Cables For Oil Industry

www.caledonian-cables.com

marketing@caledonian-cables.com

Individual & Overall Screened & Armored Thermocouple Cable

TX Individual & Overall Screened & Armored Thermocouple Cable 3P0.5



APPLICATIONS

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

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

Aarmor: 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 | Overall Diameter (min.) | Overall Diameter (max.) | Approx. Weight |
|--------------|-----------------|-------------------------|-------------------------|----------------|
| | mm ² | mm | mm | kg/km |
| 3 | 0.5 solid | 14.6 | 16.8 | 370 |