



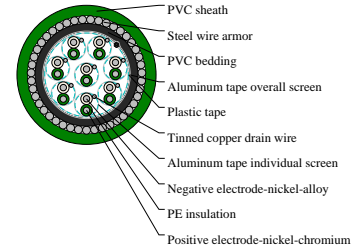
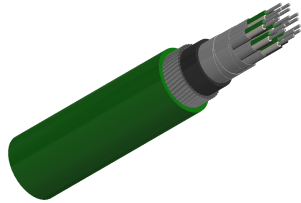
# Caledonian

Thermocouple Cables  
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## Multipair Individual/Overall Screen with Armor

KX IS/OS & armored 8P1



## APPLICATIONS

These cables are used in thermocouple circuits, petrochemical plants, utilities and industrial plants.

## CABLE CONSTRUCTION

Conductor: Solid

Type applicable: KX, EX, JX, TX, NX, KCA, KCB, RCA, RCB, SCA, RCB, BC

Insulation: PVC, PE, XLPE or LSZH thermoplastic material

Individual screen: 24 µm aluminium / PETP tape over solid tinned copper drain wire, 0.6 mm

Wrapping: At least 1 layer of plastic tape

Overall screen: 24 µm aluminium / PETP tape over 7-stranded tinned copper drain wire, 0.5mm<sup>2</sup>

Bedding: PE, PVC or LSZH thermoplastic material

Armor: Galvanized round steel wires

Outer sheath: PVC or LSZH thermoplastic material

## COLOUR CODE

According to IEC 60584-3

## PHYSICAL AND THERMAL PROPERTIES

Flame retardancy: IEC 60332-1

Flame propagation: IEC 60332 cat. C

Temperature range: -30°C up to 70°C during operation. -5°C up to 50°C during installation

## DIMENSION AND PARAMETERS

No. of Pairs	Conductor Size	Nominal Insulation Thickness	Nominal Bedding Thickness	Nominal Armour Wire Diameter	Nominal Outer Sheath Thickness	Nom. Overall Diameter	Approx. Weight
	mm <sup>2</sup>	mm	mm	mm	mm	mm	kg/km
8	1	0.4	1.2	1.25	1.6	21	884