



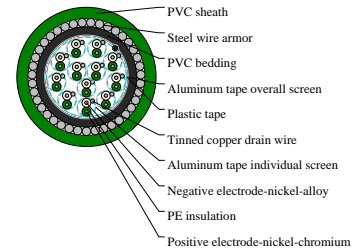
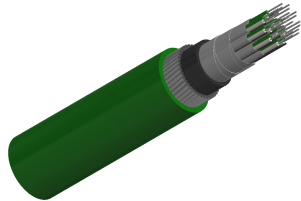
Caledonian

Thermocouple Cables
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Multipair Individual/Overall Screen with Armor

KX IS/OS & armored 12P0.5



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, 0.5mm²

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 ² | mm | mm | mm | mm | mm | kg/km |
| 12 | 0.5 | 0.4 | 1.2 | 1.25 | 1.6 | 21.7 | 893 |