



Caledonian

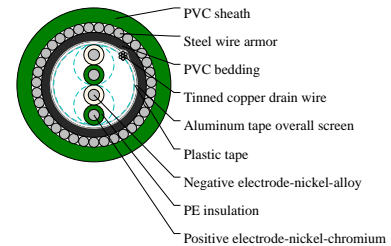
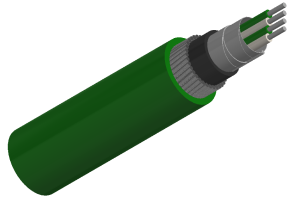
Thermocouple Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

Multipair Overall Screen with Armor

KX OS & armored 2P1



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

Wrapping: At least 1 layer of plastic tape

Overall screen: 24 μ m 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 |
| 2 | 1 | 0.4 | 0.9 | 0.9 | 1.4 | 13.4 | 366 |