



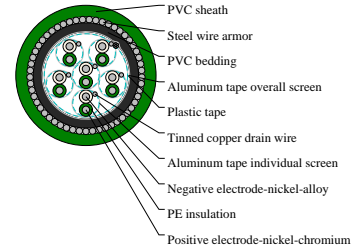
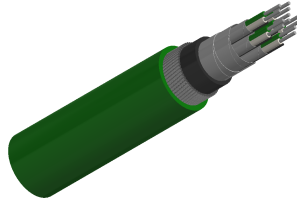
Caledonian

Thermocouple Cables
www.caledonian-cables.com

marketing@caledonian-cables.com

Multipair Individual/Overall Screen with Armor

KX IS/OS & armored 6P1



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
6	1	0.4	1.2	0.9	1.6	19.4	636