Multipair Individual/overall Screen with Armor and Lead Sheath

KX IS/OS & armored with lead sheath 20P1

PVC sheath
Steel wire armor
PVC inner sheath
Lead sheath
PVC bedding
Aluminum tape overall screen
Tinned copper drain wire
Aluminum tape individual screen
Negative electrode-nickel-alloy
PE insulation
Positive electrode-nickel-chromium
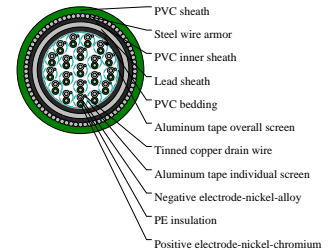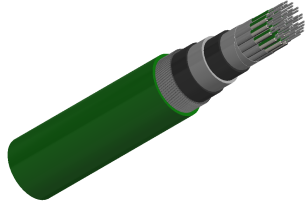
APPLICATIONS

These cable can be used in cable tray or conduit to connect different types of thermocouple in industrial process controls, refineries, oil and gas plant. Excellent protection against corrosion, humidity and poor vibration resistance.

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, 0.5 mm²

Bedding: PE, PVC or LSZH thermoplastic material

Lead sheath: Lead alloy

Inner sheath: 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	Lead Sheath Thickness	Nominal Inner Sheath Thickness	Nominal Armour Wire Diameter	Nominal Outer Sheath Thickness	Nom. Overall Diameter	Approx. Weight

	mm²	mm	mm	mm	mm	mm	mm	mm	kg/km
20	1	0.4	1.3	1.4	1	1.25	1.8	32.5	3154