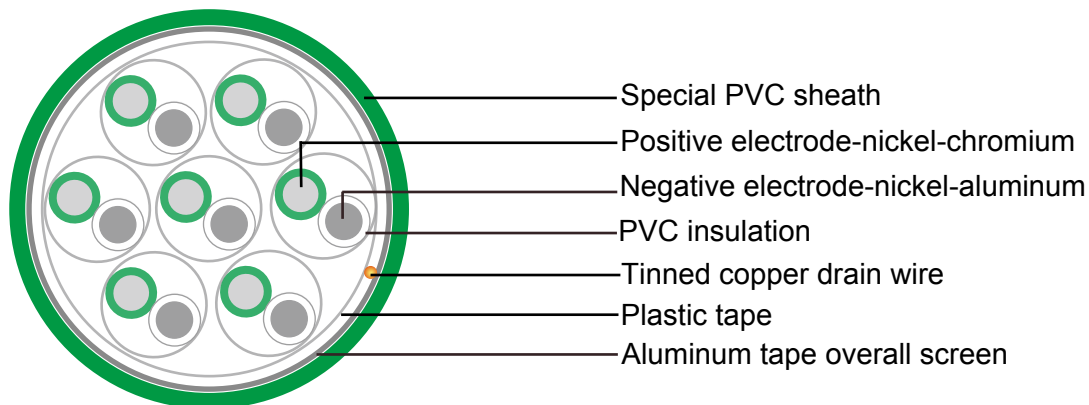




Overall Screened Thermocouple Cable



KX Overall Screened Thermocouple Cable

Applications

These cables are used with thermocouples for temperature measurements where hydrocarbon may be present.

Standards

IEC 60584-3; NF C 42-324

Construction

Conductor: Metal according to thermocouple type

Insulation: PVC

Overall screen: Aluminum/polyester tape with tinned copper drain wire

Sheath: Special PVC. Color depends on thermocouple type

Properties

Flame retardance: NFC 32070 C2, IEC 60332-1-2

Operating voltage: 250V

Operating temperature: -20~60°C

Max. conductor temperature in service: 70°C

Chemical resistance: Aliphatic and aromatic hydrocarbon resistance

Conductor Size		No. of Pairs	Min. O.D. (mm)	Max. O.D. (mm)	Approx. Weight (kg/km)
mm ²	Solid or Stranding				
1	14 x 0.30 mm	1	6.3	7.4	70
1.34	1 x 1.30 mm	1	6.3	7.4	75
0.5	1 x 0.8 mm	3	8.0	9.3	95
0.5	1 x 0.8 mm	7	10.5	12.1	165
0.5	1 x 0.8 mm	12	13.3	15.3	255
0.5	1 x 0.8 mm	19	16.5	19.0	380
0.5	1 x 0.8 mm	27	19.2	22.0	510