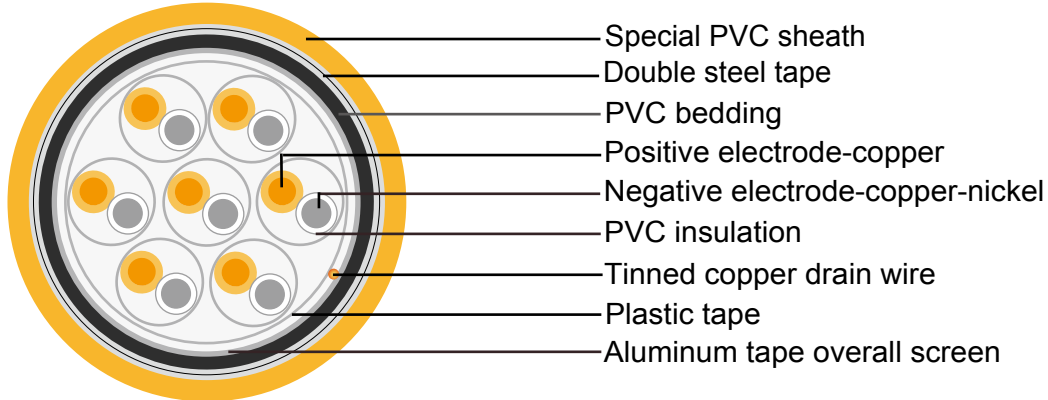




Overall Screened & Armored Thermocouple Cable



SCB Overall Screened & Armored Thermocouple Cable

Applications

These cables are suitable for underground use in industries where hydrocarbon may be present and mechanical protections are required.

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

Inner sheath: PVC

Armour: Double steel tape

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	9.8	11.3	180
1.34	1 x 1.30 mm	1	9.8	11.3	185
0.5	1 x 0.8 mm	3	11.4	13.1	225
0.5	1 x 0.8 mm	7	14.1	16.2	330
0.5	1 x 0.8 mm	12	17.3	19.8	470
0.5	1 x 0.8 mm	19	20.6	23.7	650
0.5	1 x 0.8 mm	27	23.2	26.6	830