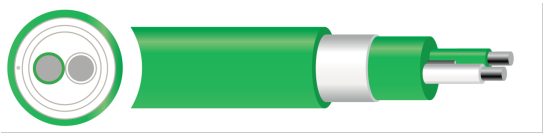
Thermocouple KX Extension Overall Screen 250V Cable



Description

The Thermocouple KX Overall Screened Extension Cable range is designed for transmitting temperature measurement signals from Type K thermocouple sensors. The cable comprises positive nickel-chromium and negative nickel-aluminium conductors, insulated with flame-retardant PVC and protected by an overall aluminium/polyester tape screen with a tinned copper drain wire to help minimise electrical interference and signal distortion.

Suitable for industrial applications where accurate temperature monitoring is essential, these unarmoured cables are used in power stations, oil refineries, processing plants and automation facilities. The overall screen provides protection against electromagnetic interference from nearby equipment and power lines, supporting reliable signal transmission between remote temperature sensors and control systems.

Key Features

Voltage Rating
250 Volts

Flame Retardancy
BS EN/IEC 60332-1-2

Temperature Limits
Operating temperature: -20°C To +60°C

Core Colours

Positive: Green

Negative: White

Standards

- BS EN/IEC 60332-1-2
- BS EN/IEC 60584-3
- NF C 32-070

Construction

- **Conductor**: Positive: Nickel Chromium
  Negative: Nickel Aluminium
- **Insulation**: Flame Retardant Polyvinyl Chloride (PVC-FR)
- **Insulation Screen**: Overall Aluminium/Polyester Tape Screen (AL/PET)
- **Drain Wire**: Tinned Copper
- **Outer Sheath**: Flame Retardant Polyvinyl Chloride (PVC-FR)
- **Sheath Colour**: Green

Training & Testing Lab

AN ISO/IEC 17025 ACCREDITED FACILITY

Cleveland Cable Test & Training Lab
Our state-of-the-art cable testing facility ensures that every cable meets the highest standards of quality and compliance through continuous, rigorous testing.

ISO/IEC 17025 Accredited Testing Laboratory
31196

CPR
Cleveland Cable Company is committed to compliance with the Construction Products Regulation (CPR). Where applicable, all cables manufactured after 1st July 2017 have been assessed in accordance with CPR requirements, with full supporting documentation available.

Our Sustainability Commitment

We are committed to the journey to Net Zero as a business partner, an employer and a community member.

By thinking and acting sustainably, we deliver excellent customer service while reducing carbon emissions in collaboration with our customers and suppliers.

ecovadis
Cleveland Cable Company has been independently assessed by EcoVadis, a globally recognised provider of business sustainability ratings. Our score places us among the top 35% of companies evaluated worldwide, reflecting our strong commitment to environmental, social, and ethical performance

Thermocouple KX Extension Overall Screen 250V Cable - Dimensions

Reference	Conductor Size (mm2)	No Of Pairs	Stranding(mm)	Overall Diameter(Lower)	Overall Diameter(Upper)	Weight(Kg/Km)
TCOUPKSXOS3X2X/5	0.50	3	1/0.80	9.30	9.40	95
TCOUPKSXOS7X2X/5	0.50	7	1/0.80	12.10	12.20	160
TCOUPKSXOS12X2X/5	0.50	12	1/0.80	15.20	15.30	250
TCOUPKSXOS19X2X/5	0.50	19	1/0.80	16.30	19.00	385
TCOUPKSXOS27X2X/5	0.50	27	1/0.80	19.20	22.20	515
TCOUPKSXOS1X2X1	1	1	14/0.30	6.30	7.40	70
TCOUPKSXOS1X2X1/34	1.34	1	1/1.30	6.30	7.40	75

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