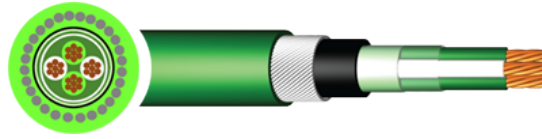


## BS4937 Compensating & Thermocouple Cable - Armoured - 0.75mm<sup>2</sup>



### Description

Generally used for interconnection between thermocouple probes and control instrumentation. They are used in industries such as power generation, oil, gas and pharmaceutical and are used in everyday appliances such as furnaces and ovens.

### Key Features



**Voltage Rating**  
250 Volts



**Minimum Bending Radius**  
15 x Overall Diameter



**Flame Retardancy**  
BS EN/IEC 60332-1



**Temperature Limits**  
Temperature Range: -30°C To +105°C

### Core Colours

See PDF datasheet for Colour Chart

### Standards

- BS EN/IEC 60332-1
- BS EN/IEC 60228
- BS EN/IEC 60584-3

### Construction

- **Conductor:** Class 2 stranded copper
- **Insulation:** Polyvinyl Chloride (PVC)
- **Screen:** Collective Aluminium/mylar tape with 0.5mm drain wire
- **Overall Tape Screen:** Polyester tape wrapping
- **Bedding:** Polyvinyl Chloride (PVC)
- **Armour:** Steel Wire Armour (SWA)
- **Outer Sheath:** Polyvinyl Chloride (PVC)
- **Sheath Colour:** as per Colour Code Chart

### QA Lab

#### 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. Where applicable, cables are independently tested and certified by BASEC to ensure full compliance.



### 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

### ecovadis

BS4937 Compensating & Thermocouple Cable - Armoured - 0.75mm<sup>2</sup> - Dimensions

| Reference | Conductor Size (mm2) | No Of Pairs | Stranding(mm) | Overall Diameter(mm) | Gland Size | Code |
|-----------|----------------------|-------------|---------------|----------------------|------------|------|
| 7660      | 0.75                 | 1           | 24/0.20       | 11.1                 | 20/16      | TX   |
| 7700      | 0.75                 | 1           | 24/0.20       | 11.1                 | 20/16      | KX   |
| 7640      | 0.75                 | 1           | 24/0.20       | 11.1                 | 20/16      | KCB  |
| 7600      | 0.75                 | 1           | 24/0.20       | 11.1                 | 20/16      | JX   |
| 7661      | 0.75                 | 2           | 24/0.20       | 12.3                 | 20/16      | TX   |
| 7701      | 0.75                 | 2           | 24/0.20       | 12.3                 | 20/16      | KX   |
| 7641      | 0.75                 | 2           | 24/0.20       | 12.3                 | 20/16      | KCB  |
| 7601      | 0.75                 | 2           | 24/0.20       | 12.3                 | 20/16      | JX   |
| 7663      | 0.75                 | 5           | 24/0.20       | 19.2                 | 20         | TX   |
| 7703      | 0.75                 | 5           | 24/0.20       | 19.2                 | 20         | KX   |
| 7643      | 0.75                 | 5           | 24/0.20       | 19.2                 | 20         | KCB  |
| 7603      | 0.75                 | 5           | 24/0.20       | 19.2                 | 20         | JX   |
| 7665      | 0.75                 | 10          | 24/0.20       | 24.7                 | 25         | TX   |
| 7705      | 0.75                 | 10          | 24/0.20       | 24.7                 | 25         | KX   |
| 7645      | 0.75                 | 10          | 24/0.20       | 24.7                 | 25         | KCB  |
| 7605      | 0.75                 | 10          | 24/0.20       | 24.7                 | 25         | JX   |
| 7667      | 0.75                 | 20          | 24/0.20       | 30.7                 | 32         | TX   |
| 7707      | 0.75                 | 20          | 24/0.20       | 30.7                 | 32         | KX   |
| 7647      | 0.75                 | 20          | 24/0.20       | 30.7                 | 32         | KCB  |
| 7607      | 0.75                 | 20          | 24/0.20       | 30.7                 | 32         | JX   |

## COLOUR CODING

| EX<br>+ - | JX<br>+ - | KX<br>+ - | NX<br>+ - | TX<br>+ - | UX<br>+ - | VX<br>+ - | CODE                            |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------------------------------|
|           |           |           |           |           |           |           | BRITISH<br>BS1843:1952          |
|           |           |           |           |           |           |           | AMERICAN<br>ANSI                |
|           |           |           |           |           |           |           | GERMAN<br>DIN                   |
|           |           |           |           |           |           |           | RC/SC<br>KCB                    |
|           |           |           |           |           |           |           | IEC 584-3                       |
|           |           |           |           |           |           |           | IEC 584-3<br>INTRINSICALLY SAFE |

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