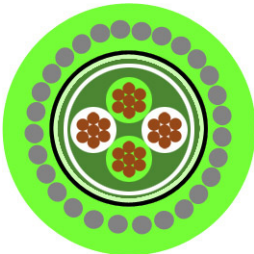


## ARMoured COMPENSATING & THERMOCOUPLE CABLES



### APPLICATION

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.

### CABLE STANDARDS

BS4937  
ANSI 96.1  
IEC 584.3  
Flame propagation to BS4066 PT1 and IEC 332 PT1

### CONSTRUCTION

**Conductor:** Plain Annealed Copper Conductors  
**Insulation:** Polyvinyl Chloride (PVC)  
**Screen:** Collective aluminium / Mylar foil tape screen and a 0.5mm drain wire  
**Armouring:** Galvanised Steel Wire Armour  
**Sheath:** Polyvinyl Chloride (PVC)  
**Sheath Colour:** As Per Colour Code chart

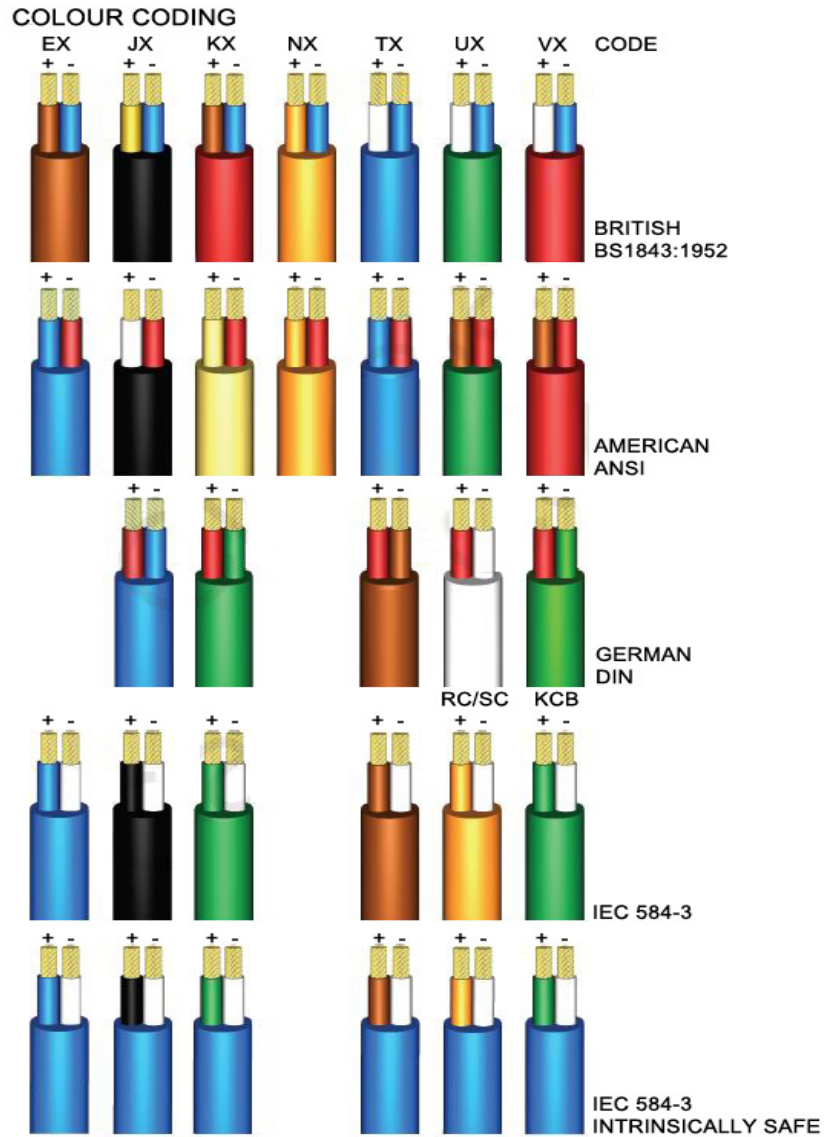
### CHARACTERISTICS

**Temperature Rating: Fixed:** -30°C to +105°C  
**Conductors:** Twisted pairs  
**Core Identification:** Colours as per tables below  
**Bending radius:** Refer to Individual Manufacturer Datasheet

## ARMoured COMPENSATING & THERMOCOUPLE CABLES- DIMENSIONS

NO OF PAIRS	CONDUCTOR SIZE (MM)	STRANDING (MM)	OVERALL DIAMETER (MM)	GLAND SIZE (MM)	JX CCC CODE	KCB CCC CODE	KX CCC CODE	TX CCC CODE
1	0.75	24/0.20	11.1	20/16	7600	7640	7700	7660
2	0.75	24/0.20	12.3	20/16	7601	7641	7701	7661
5	0.75	24/0.20	19.2	20	7603	7643	7703	7663
10	0.75	24/0.20	24.7	25	7605	7645	7705	7665
20	0.75	24/0.20	30.7	32	7607	7647	7707	7667

## COMPENSATING & THERMOCOUPLE CABLES - COLOUR CODING



PLEASE NOTE THAT GLAND AND CLEAT SIZES ARE INTENDED TO BE INDICATIVE AND MAY VARY ACCORDING TO DIFFERENT MANUFACTURERS TOLERANCES. CONDUCTOR STRANDING INDICATIVE ONLY THIS MAY VARY MANUFACTURER TO MANUFACTURER.

BENDING RADII ARE NOT SHOWN AS EACH INDIVIDUAL MANUFACTURER HAS THEIR OWN CRITERIA FOR THEIR PRODUCT. SPECIFICATION OF THE MINIMUM BENDING RADIUS (MBR) OF CABLES IS NOT REFERRED TO IN CABLE STANDARDS. THIS IS A MANUFACTURER DECLARATION, BASED ON THEIR OWN JUDGEMENT AND EXPERIENCE OF THE CAPABILITIES OF THEIR CABLE, IT IS NOT A SPECIFICATION DEFINED IN STANDARDS.

THE INFORMATION CONTAINED WITHIN THIS DATASHEET IS FOR GUIDANCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE OR LIABILITY. WE BELIEVE THE INFORMATION IS CORRECT AT THE TIME OF PUBLICATION. PLEASE NOTE WHEN SELECTING CABLE ACCESSORIES THAT ACTUAL CABLE DIMENSIONS MAY VARY DUE TO MANUFACTURING TOLERANCES.