CLEVELAND CABLE COMPANY
A WORLD POWER IN CABLE SUPPLY

T: 01642 241133
W: www.clevelandcable.com
E: sales@clevelandcable.com

NON 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

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

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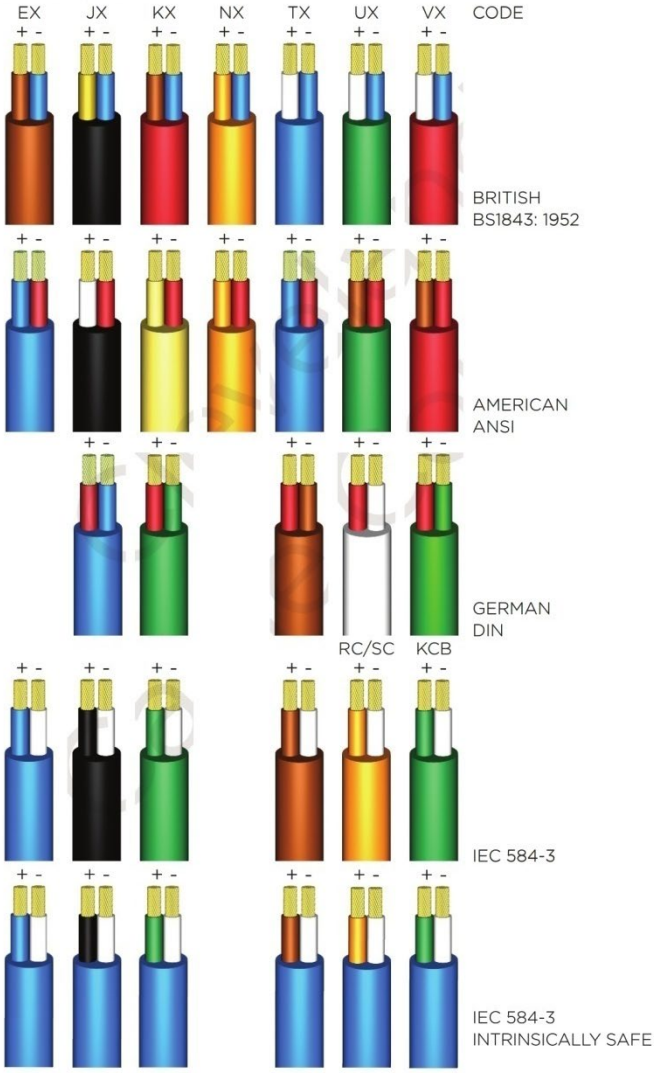
NON ARMOURED COMPENSATING & THERMOCOUPLE CABLES- DIMENSIONS

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	6.7	20/16	7500	7530	7570	7550
2	0.75	24/0.20	7.7	20/16	7501	7531	7571	7551
5	0.75	24/0.20	13.7	25	7503	7533	7573	7553
10	0.75	24/0.20	18.1	25	7505	7537	7575	7557
20	0.75	24/0.20	23.9	32	7507	7539	7577	7559

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