OVERVIEW

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.

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 0.5mm2 drain wire

Armouring: Galvanised Steel Wire Armour

Sheath: Polyvinyl Chloride (PVC)

CHARACTERISTICS

Temperature limits: -30°C to +105°C

Conductors: Twisted pairs

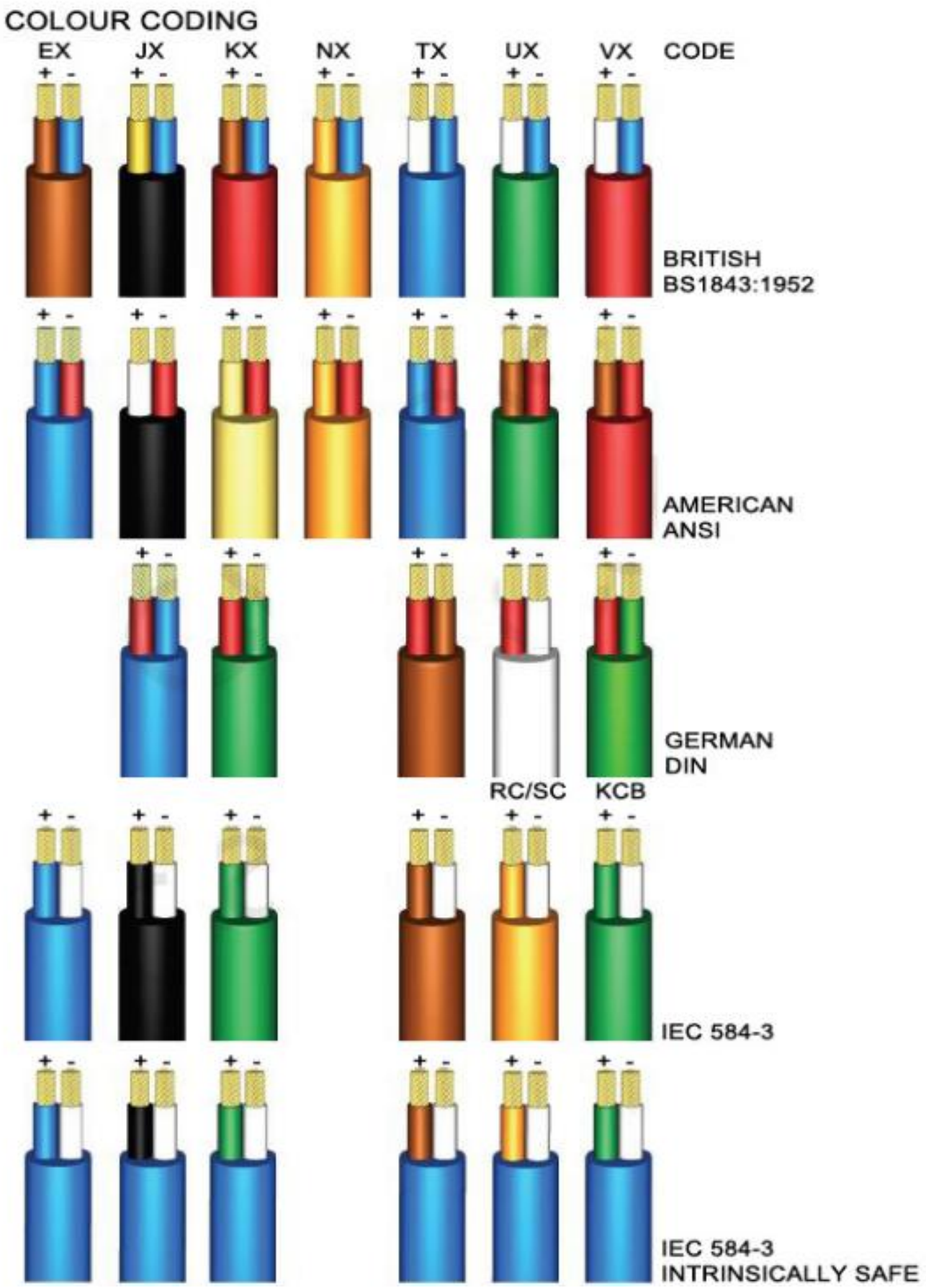
Minimum Bending Radius: As per manufacturer datasheet

Should not be installed at temperatures below 0°C

JX/KCB/KX/TX ARMOURED COMPENSATING & THERMOCOUPLE CABLES- DIMENSIONS

NO OF PAIRS	CONDUCTOR SIZE (MM)	STRANDING (MM)	OVERALL DIAMETER (MM)	GLAND SIZE (MM)
1	0.75	24/0.20	11.1	20/16
2	0.75	24/0.20	12.3	20/16
5	0.75	24/0.20	19.2	20
10	0.75	24/0.20	24.7	25
20	0.75	24/0.20	30.7	32

COMPENSATING & THERMOCOUPLE CABLES - COLOUR CODING


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