

# International Thermocouple Colour Codes For Connector Bodies

TYPE	IEC	ANSI	JIS	TYPE
J				J
K				K
T				T
E				E
N				N
R/S				R/S
B				B
Cu (Copper)				Cu (Copper)

All Labfacility connectors use true thermocouple alloys for optimum accuracy except for Type R, S & B which use compensating alloys.

A full range of standard & miniature connectors in these colour codes are available to buy online at [www.labfacility.com](http://www.labfacility.com).

## Colour Codes: Thermocouple Extension and Compensating Wires and Cables

### INSULATION COLOUR CODES Extension and Compensating leads

TYPE	CONDUCTORS +/-	◀ FORMER STANDARD ▶				Cable Code
		BRITISH BS1843:1952	AMERICAN ANSI/MC 96.1	GERMAN DIN 43713/43714	IEC 60584-3(2007) BS EN60584-3(2008)	
EX	NICKEL CHROMIUM/CONSTANTAN (Nickel/Chromium/Copper Nickel, Chrome/Constantan, T1 Advance, NiCr/Constantan)					EX
J	IRON*/CONSTANTAN (Iron/Copper Nickel, FE/Konst Iron/Advance, FE Constantan I/C)					JX
K	NICKEL CHROMIUM/ NICKEL ALUMINIUM* (NC/NA, Chromel /Alumel), C/A, T1/T2, NiCr/Ni, NiCr, NiAL)					KX
N	NICROSIL/NISIL					NX NC
T	COPPER CONSTANTAN (Copper/Copper Nickel, Cu/Con, Copper Advance)					TX
Vx	COPPER CONSTANTAN (LOW NICKEL) (Cu/Constantan) Compensating for K (Cu/Constantan)					KCB
U	COPPER/COPPER NICKEL Compensating for Platinum 10% or 13% Rhodium/Platinum (codes 'S' and 'R' respectively) (Copper/Cupronic Cu/CuNi, Copper/No.11 Alloy)					RCA SCA

\* Magnetic

FOR THERMOCOUPLE  
CONNECTORS  
body colours are similar to  
outer sheath colours

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[012S070DSM](#) [LUC-018S070DSP](#) [599-2021-3-NME](#) [599-JJ-2021-03](#) [00-5080-YWPP](#) [5E4750/01-20R0-T/R](#) [LW1A-L1-GL](#) [LW1A-P1-GD](#)  
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