

## Thermocouple Wire Color Codes

(data table courtesy of Partlow Instruments)

The table below shows the wire and sheath colours used for most common thermocouple types. The format used in this table is:

+ Wire	Sheath
- Wire	

Table 2. Thermocouple Extension Wire Colours

Type		International IEC584-3	USA ANSI MC 96.1	British BS1843	French NFC 42-324	German DIN 43710
J	++	Black	White	Yellow	Yellow	Red
	-	Black	Black	Black	Black	Blue
T	+	Brown	Blue	White	Yellow	Red
	-	Brown	Blue	Blue	Blue	Brown
K	+	Green	Yellow	Brown	Yellow	Red
	-*	Green	Yellow	Red	Yellow	Green
N	+	Pink	Orange	Orange		
	-	Pink	Orange	Orange		
B	+	White	Red	Blue		Red
	-	Grey	Grey	Grey		Grey
R & S	+	Orange	Black	White	Yellow	Red
	-	Orange	Green	Green	Green	White
C (W5)	+		White			
	-		Red			

Note:

\* = Wire is magnetic