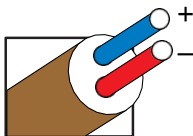


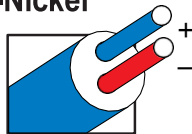
TYPE

Reference
Tables
N.I.S.T.
Monograph 175
Revised to
ITS-90



Thermocouple
Grade

Copper
vs.
Copper-Nickel



MAXIMUM TEMPERATURE RANGE

Thermocouple Grade

- 328 to 662°F
- 200 to 350°C

Extension Grade

- 76 to 212°F
- 60 to 100°C

LIMITS OF ERROR

(whichever is greater)

Standard: 1.0°C or 0.75% Above 0°C

1.0°C or 1.5% Below 0°C

Special: 0.5°C or 0.4%

COMMENTS, BARE WIRE ENVIRONMENT:

Mild Oxidizing, Reducing Vacuum

or Insert; Good Where Moisture Is Present;

Low Temperature and Cryogenic Applications

TEMPERATURE IN DEGREES °F

REFERENCE JUNCTION AT 32°F

	Thermoelectric Voltage in Millivolts																					
°F	-10	-9	-8	-7	-6	-5	-4	-3	-2	-1	0	1	2	3	4	5	6	7	8	9	10	°F

