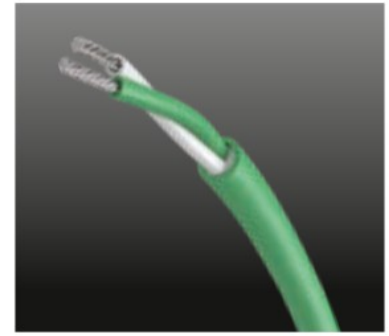


Thermocouple Extension/Compensating Cables



Thermocouple Extension/Compensating Cable is a lead cable used to connect between Thermocouple Sensor and Thermometer for measuring the temperature. We would like to introduce our products of Thermocouple Extension/Compensating Cables as follows:

How to Choose a Model

An example, based on IEC-60584-3-2007

FR-KX-IEC-1-G-VV R-SL-WAZV 1P × 1.5SQ(7/0.52)

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪

- ① FR(Flame-retardant), ② Cable Type, ③ Standard(Color Code), ④ Division Symbols(Class & Tolerance),
- ⑤ Materials of Insulation & Sheath ⑥ Shape, ⑦ Shield, ⑧ Armor, ⑨ Pair, ⑩ Conductor Size, ⑪ Conductor Combination

① Flame-retardant (● IEC 60332-3 Cat.A, ● IEC 60332-3 Cat.C)

② ③ Types, Standards and Colors

There are many types of Thermocouple Extension/Compensating Cables. Please choose the type corresponding with Thermocouple Sensor type which is chosen according to Temperature Range(°C) and the Accuracy(Class & Tolerance).

Sensors	Types	Conductor Composition		Colors : IEC Standard (60584-3-2007)	Colors: ASTM E230-2012
		Positive (PX)	Negative (NX)		
K	KX	Chromel®	Alumel®	Green(+) White(-) Green(Sheath)	Yellow(+) Red(-) Yellow(Sheath)
	KCA	Iron	Constantan	Green(+) White(-) Green(Sheath)	_____
	KCB	Copper	Constantan	Green(+) White(-) Green(Sheath)	_____
J	JX	Iron	Constantan	Black(+) White(-) Black(Sheath)	White(+) Red(-) Black(Sheath)
T	TX	Copper	Constantan	Brown(+) White(-) Brown(Sheath)	Blue(+) Red(-) Blue(Sheath)
E	EX	Chromel®	Constantan	Violet(+) White(-) Violet(Sheath)	Purple(+) Red(-) Purple(Sheath)
R	RCA	Copper	Copper-Nickel alloy	Orange(+) White(-) Orange(Sheath)	Black(+) Red(-) Green(Sheath)
	RCB			Orange(+) White(-) Orange(Sheath)	
S	SCA	Copper	Copper-Nickel alloy	Orange(+) White(-) Orange(Sheath)	Black(+) Red(-) Green(Sheath)
	SCB			Orange(+) White(-) Orange(Sheath)	
B	BC	Copper	Copper	Gray(+) White(-) Gray(Sheath)	Gray(+) Red(-) Gray(Sheath)
N	NX	Nickel-Chromium-Silicon	Nickel-Silicon	Pink(+) White(-) Pink(Sheath)	Orange(+) Red(-) Orange(Sheath)
	NC	Copper-Nickel alloy	Copper-Nickel alloy	Pink(+) White(-) Pink(Sheath)	