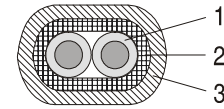
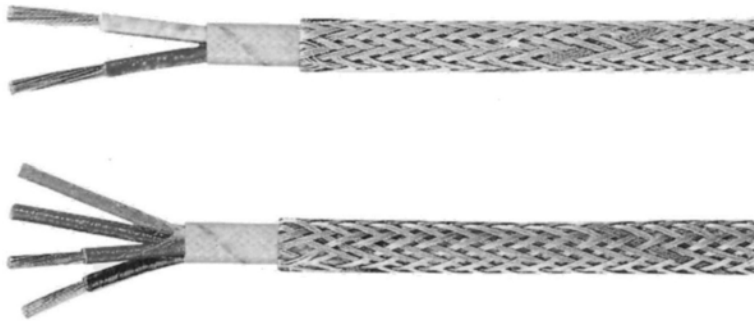
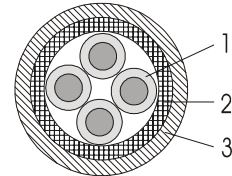


# Compensating Cables

## Fibreglass/Galvanized Steel Wire Braiding



Cores laid parallel



Cores twisted

### Application

It is designed for dry environment with hard mechanical stress.

Electromagnetic disturbances	-
Radioactivity	+
Mineral oil	○
Weak alkaline solutions	-
Weak acids	-
Benzene	○
Gasoline	○
Steam	-
Humid rooms	○
Dry rooms	+
Permanent installation	+
Mobile installation	○

+ = suitable

○ = partially suitable

- = not suitable

### Technical Specifications

Resistance		Ω/m
Type	0.75 mm <sup>2</sup>	
"J"	0.81	
"K"	0.70	
"S"	0.18	

### Dielectric Rating:

Conductor to conductor 500 V

### Insulation Design:

1. Fibreglass wrap
2. Fibreglass braid
3. Galvanized steel wire braid

### Color of Wires:

Type	Positive Branch	Negative Branch	Shield
"J"	Black	White	Black
"K"	Green	White	Green
"S"	Orange	White	Orange

### Version of isolation for temperatures up to 200 °C, circle cross-section

Type	Description			Weight approx.
	for Thermocouple	Number of Wires	Core	
• K1002JX → K1043JX	"J" "J"	1x2 1x2	0.75 mm <sup>2</sup> , stranded 1.00 mm <sup>2</sup> , stranded	0.040 kg/m —
• K1008KC K1042KC	"K" "K"	1x2 1x2	0.75 mm <sup>2</sup> , stranded 1.00 mm <sup>2</sup> , stranded	0.040 kg/m —
• K1014SC K1039SC	"R/S" "R/S"	1x2 1x2	0.75 mm <sup>2</sup> , stranded 1.00 mm <sup>2</sup> , stranded	0.040 kg/m —

Example of Order: K1002JX

• ... Ex Stock Version