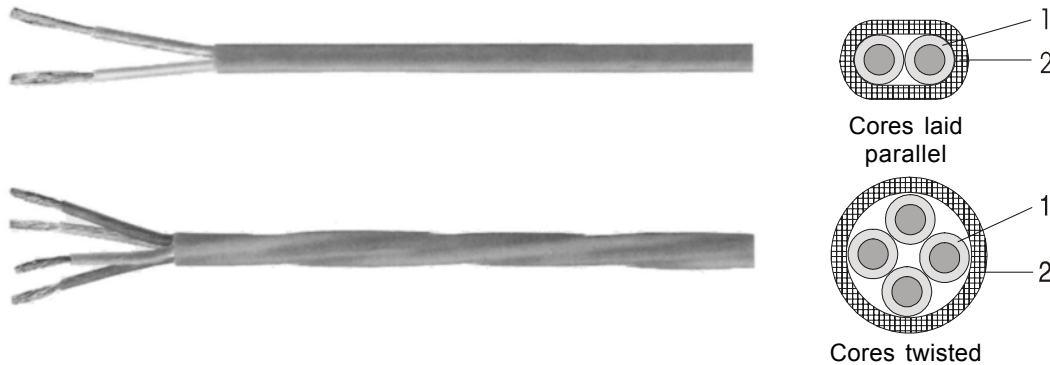


Compensating Cables

Teflon® FEP/Teflon® FEP-insulated



Application

It is designed for environment with high temperatures and it has high chemical resistance.

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

+ = suitable
- = not suitable

Technical Specifications

Resistance:

typ „J“ 0.81 Ω/m
typ „K“ 0.70 Ω/m
typ „S“ 0.18 Ω/m

Dielectric Rating:

Conductor to conductor 1000 V
Conductor to shield 1000 V

Insulation Design:

1. Teflon® FEP
2. Teflon® FEP

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 -200 to +200 °C, oval cross-section

Type	Description				
	for Thermocouple	Number of Wires	Core	Outer Ø approx.	Weight approx.
K1003JX →	"J"	1x2	0.75 mm ² , stranded	2.4 x 4.2 mm	0.023 kg/m
K1046KC	"K"	1x2	0.50 mm ² , stranded	2.0 x 3.5 mm	0.020 kg/m
K1015SC	"R/S"	1x2	0.75 mm ² , stranded	2.4 x 4.2 mm	0.020 kg/m

Example of Order: K1003JX