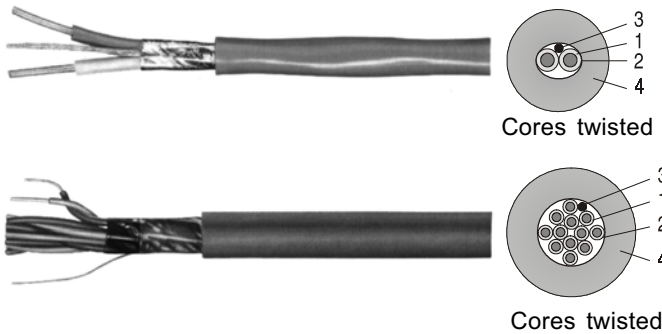


Compensating Cables

PVC-insulated and Plastic-laminated Aluminium Foil



Technical Specifications

Type	Resistance Ω/m		
	$\varnothing 1.38$ 1.5 mm ²	$\varnothing 0.8$ 0.5 mm ²	0.22 mm ²
"J"	0.41	1.22	2.77
"K"	0.35	1.05	2.39
"R/S"	0.09	0.27	0.62

Noise Reduction:

electric fields	ca 70 dB
magnetic fields	ca 40 dB

Dielectric Rating:

Conductor to conductor	1000 V
Conductor to shield	1000 V

Insulation Design:

1. PVC insulation
2. Plastic-laminated aluminium foil
3. Copper drain wire
4. PVC sheath

Color of Wires:

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

Application

It is enabled to connect with a computer.

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

Version of isolation for temperatures -10 to +105 °C

Type	Description				
	for Thermocouple	Number of Wires	Core	Outer \varnothing approx.	Weight approx.
• K1041JX	"J"	1x2	0.22 mm ² , stranded	4.4 mm	0.045 kg/m
K1021JX	"J"	1x2	1.50 mm ² , stranded	7.3 mm	0.085 kg/m
K1030KC	"K"	1x2	0.22 mm ² , stranded	4.4 mm	0.045 kg/m
K1022KC →	"K"	1x2	1.50 mm ² , stranded	7.3 mm	0.085 kg/m
K1033SC	"R/S"	1x2	0.22 mm ² , stranded	4.4 mm	0.045 kg/m
K1023SC	"R/S"	1x2	1.50 mm ² , stranded	7.3 mm	0.085 kg/m

Example of Order: K1041JX

• Ex Stock Version