

# Thermocouple Cables

## High Temperature Fibreglass-insulated



Cores laid parallel

### Application

It is designed for dry environment with high temperature.

Radioactivity	+
Mineral oil	○
Weak alkaline solutions	-
Weak acids	-
Benzene	○
Gasoline	○
Steam	-
Humid rooms	○
Dry rooms	+

+ = suitable

○ = partially suitable

- = not suitable

### Technical Specifications

#### Resistance:

1.26 Ω/m

#### Dielectric Rating:

Conductor to conductor 1000 V

Conductor to shield 1000 V

#### Insulation Design:

1. Special fibreglass braid - cores
2. Special fibreglass braid- sheath, varnish impregnation

#### Color of Wires:

Positive branch - green

Negative branch - white

Shield - green

Version of isolation for temperatures -40 to +600 (short time up to +800) °C, oval cross-section

Type	Description				
	for Thermocouple	Number of Wires	Core	Outer Ø approx.	Weight approx.
K1017KD →	"K"	1x2	Ø1.0 mm, solid	1.8 x 3.1 mm	0.018 kg/m
<b>Example of Order: K1017KD</b>					

It is possible to deliver version Ø0.5 mm (solid).