

Thermocouple Cables

Fibreglass-insulated



Cores laid parallel

Application

It is designed for dry environment with weak mechanical stress.

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

+ = suitable

○ = partially suitable

- = not suitable

Technical Specifications

Resistance:

3.11 Ω/m

Dielectric Rating:

Conductor to conductor 1000 V

Conductor to shield 1000 V

Insulation Design:

1. Fibreglass braid - cores
2. Fibreglass braid- sheath, varnish impregnation

Color of Wires:

Positive branch - black

Negative branch - white

Shield - black

Version of isolation for temperatures -25 to +400 °C, oval cross-section

Type	Description			
	for Thermocouple	Number of Wires	Core	Weight approx.
K1018JD →	"J"	1x2	∅ 0.5 mm, solid	6.3 kg/km
Example of Order: K1018JD				