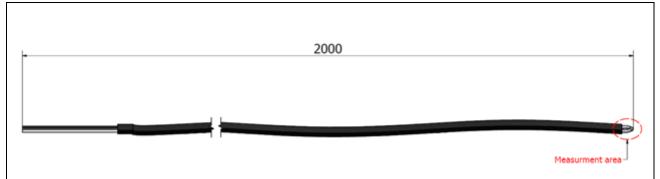




Data sheet RS Stock No. 621-2170 CABLE THERMOCOUPLE TYPE K HOT JUNCTION



INSULATION IN NORMAL OPERATION TEMPERATURE RANGE:

• -50°C/+400°C

THERMOCOUPLE TEMPERATURE RANGE:

• -50°C /+1000°C

USE:

• Universal, measurement simple and economic, ideal for testing measures temperature or laboratory.

KEY POINTS:

• Response time short, easy implementation and low dimension.

SPECIFICATIONS:

- 2 cable conductors, section 0.07mm², glass fiber insulation.
- Apparent hot spot.

DIMENSIONS:

- Cable length = 2000mm
- Flat = 1,7 x 1,1mm
- Weight = 8.33g

METROLOGICAL DATA:

- As per IEC 584 <u>Standard tolerence TC « K » class 1 :</u>
 - -40°C < t°< +375°C = $\pm 1,5$ °C
 - 375°C < t°< 1000°C= ±0.004. Time constant at 63% = 0.7sec.
- Output signal FEM (mV) as per curve of "K" type as per norme IEC 60584

Other types of cable thermocouple glass silk:

Thermocouple type	J	N	Т
RS stock N°	621-2186	621-2192	621-2209
Insulation T° Range	-50 à 400°C		
Thermocouple T° Range	-50 à 1000°C	-50 à +1200°C	-200 à +350°C
Length 2000 mm			

The thermocouple type is chosen according to the temperature to be measured and your electronic signal that must be compatible.