



Data sheet RS Stock No. 621-2186

CABLE THERMOCOUPLE TYPE J 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 Standard tolerance TC « J » class 1 :
 -40°C < t° < +375°C = ± 1,5°C
 375°C < t° < 1000°C = ±0.004.
- Time constant at 63% = 0.7sec.
- Output signal FEM (mV) as per curve of "J" type as per norme IEC 60584

Other types of cable thermocouple glass silk:

Thermocouple type	K	N	T
RS stock N°	621-2170	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.