

RESISTANCE THERMOMETER CABLES

TCuT, Very flexible and heat-resistant insulation material. Generally used in connecting RTD sensors. Twisted conductors, each in Teflon® PFA or FEP insulation. Screen in the form of a tinned copper braid. Teflon jacket, round*. Intended for use in conditions of high humidity and special requirements for chemical resistance.

Technical data

- Resistance to temperature from -200°C to +260°C
- High quality cable
- Color coding according to IEC 751
- Material of conductors: CuNi for 0.22mm²; CuAg for 0.50mm²

Construction

Conductors:	twisted
Conductors insulation	teflon® PFA or FEP insulation
Screen	tinned copper braid.
Outer jacket	teflon® PFA or FEP
Cable structure	round
Insulation resistance	>20 MΩ xkm (measured at 1000 Vdc @20°C)

Ranking



Thermal rating



Abrasion resistance



Chemical resistance

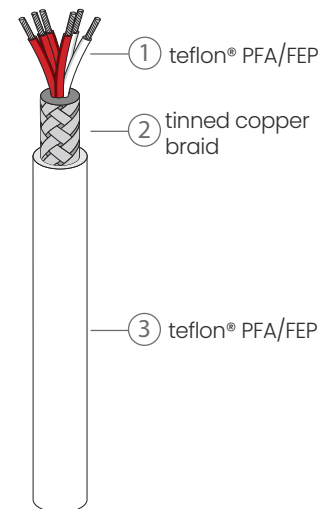
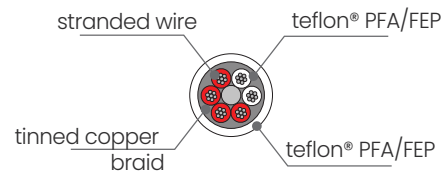


Moisture resistance



Fire resistance

HIGH **EXCELLENT** **EXCELLENT** **EXCELLENT** **EXCELLENT**



TCuT

6 x 0.22mm²

TCuT Cable resistance thermometers cable

Insulation designation	Cores	Shape	Cross section [mm ²]	Cross section AWG	Outer diameter [mm]	Ordering code
TCuT teflon®PFA, copper braid screen (-200..+260°C)	3		0.22	24S	Ø3.1	TCuT-CuNi-3x0.22
	4		0.22	24S	Ø3.9	TCuT-CuNi-4x0.22
	6		0.22	24S	Ø4.1	TCuT-CuNi-6x0.22
	8		0.22	24S	Ø4.6	TCuT-CuNi-8x0.22
	6		0.05	30S	Ø2.6	TCuT-CuNi-6x0.05
	8		0.05	30S	Ø3.0	TCuT-CuNi-8x0.05
TCuT teflon®FEP, copper braid screen (-200..+205°C)	3		0.50	20S	Ø4.2	TCuT-CuAg-3x0.50
	4		0.50	20S	Ø4.5	TCuT-CuAg-4x0.50
	6		0.50	20S	Ø5.4	TCuT-CuAg-6x0.50
	8		0.50	20S	Ø6.0	TCuT-CuAg-8x0.50