

EXTENSION AND COMPENSATION CABLE

TCuT, Insulation material is resistant for high temperatures and chemicals. Generally used in thermocouple connections. Twisted conductors, each one of them in Teflon®FEP insulation. Sheath made of tin-plated copper braid. Outer sheath made of Teflon®FEP has round shape. It is designed for work in wet areas with chemical resistant requirements.

Technical data

- Insulation temperature resistance from -75°C up to +205°C
- High quality product
- Color marking according to IEC 584-3, optional ANSI/MC 96.1 (ASTM E230)
- Available conductors material: KCA, KX, JX, TX, NC, EX

Construction

Conductors	twisted
Conductors insulation	teflon® FEP
Screen	tin-plated copper braid
Outer jacket	teflon® FEP
Cable structure	twisted
Insulation resistance	>20 MΩ xkm (measured at 1000 Vdc @20°C)

Ranking



Thermal rating



Abrasion resistance



Chemical resistance

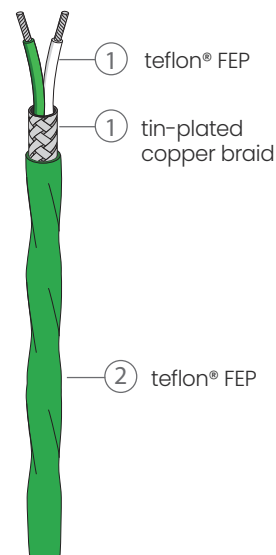
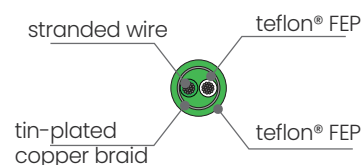


Moisture resistance



Fire resistance

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



TCuT

2 x 0.22mm²

TCuT Cable extension and compensation cable

Insulation designation	Cores	Shape	Cross section [mm ²]	Cross section AWG	Outer diameter [mm]	Ordering code
TCuT insulation teflon® FEP, with tin-plated copper screen (-75..+205°C)	2		0.22	24S	Ø2.9	TCuT-xx-2x0.22mm ²
	4		0.22	24S	Ø3.6	TCuT-xx-4x0.22mm ²
	2		0.50	20S	Ø3.8	TCuT-xx-2x0.50mm ²
	4		0.50	20S	Ø4.6	TCuT-xx-4x0.50mm ²
	6		0.50	20S	Ø5.1	TCuT-xx-6x0.50mm ²
	4		0.75	18S	Ø5.1	TCuT-xx-4x0.75mm ²
	6		0.75	18S	Ø6.3	TCuT-xx-6x0.75mm ²

xx – specify material of conductors (f.e. TCuT-KCA-4x0.50mm²)

CABLES AND WIRES