



**СФКЭ 2x1.5-ХК**  
**TY 16-505.944-76**

Heat-resistant thermocouple wires for thermocouples

Used:

- for fixed connection of thermocouples
- for operation at temperatures from minus 60 °C to 175 °C

It is possible to manufacture wires with a different nominal cross-section of cores

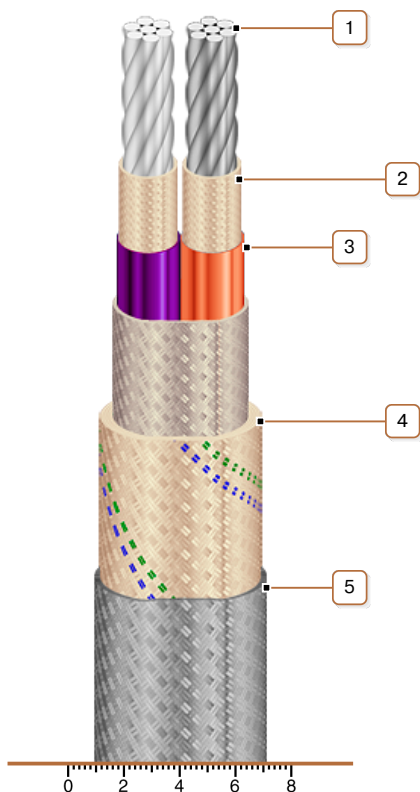
**TECHNICAL SPECIFICATIONS**

Number and rated diameter of conductors	mm <sup>2</sup>	2 x 1.5
Operating temperature	°C	-60 ... +175
Minimum bending radius	mm	93
Estimated width and thickness (reference) **	mm	3.8 x 6.2
Cable weight (approximate)	kg/km	65.5
Minimal service life	years	13

Notes:

When ordering it is necessary to agree the factory length of the product with the manufacturer

\*\* The external diameter may differ from the rated up to ± 10 %



**CONSTRUCTION**

1. Current-carrying conductor (Chromel- Cu-Mn-Ni alloy)
2. Two-layer winding made of glass filaments
3. Winding made of fluoroplastic tapes
4. Two-layer winding made of glass filaments impregnated with varnish
5. Screen - tinned copper wires braid