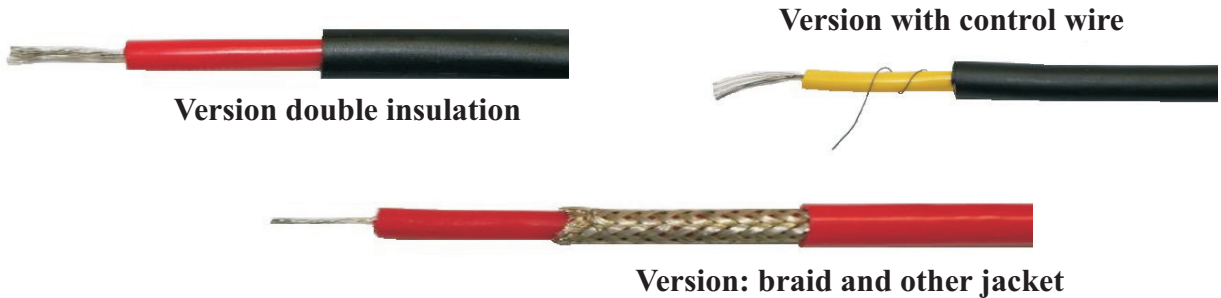


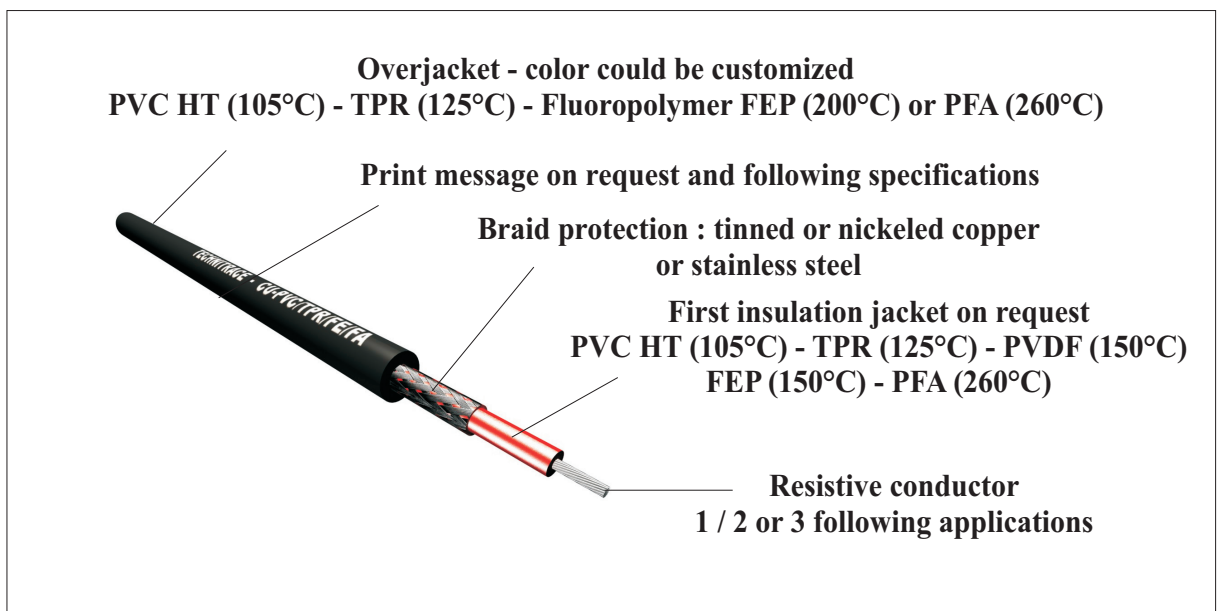
Serial heating cables *CU/FE - CU/FA*



The serial heating cables CU/FE and CU/FA include a single heating core made of resistive alloy (ohms/meter) and are currently used for the following heat tracing applications

Applications

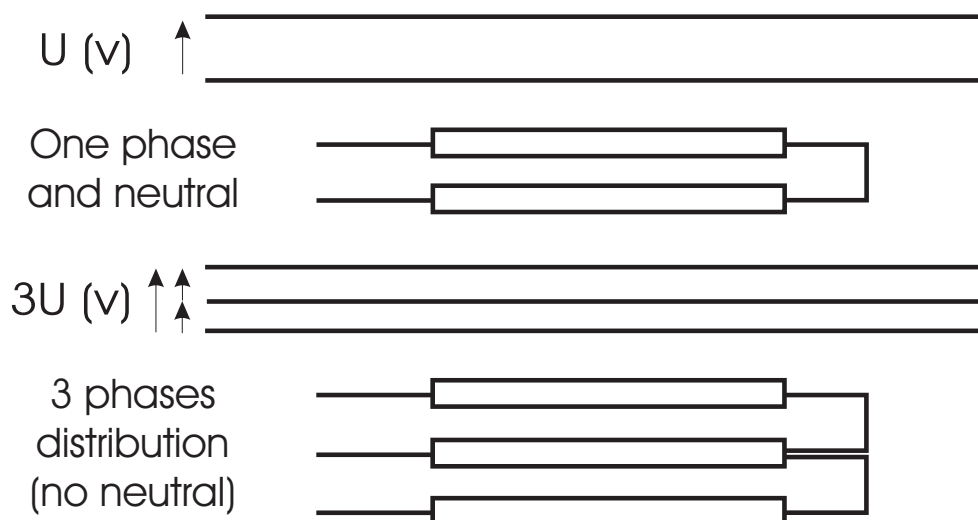
- Temperature maintenance in long pipes from one single supply point where the dissipated power has to be balanced (on 3 phased supply)
- Floor heating under cryogenic tanks
- Heat tracing of big hoppers



Advantages

- No thermal ageing of heating element (alloy)
- No inrush current under start up conditions
- Large range of ohmic values and insulations (PVCHT, TPE, FEP, PFA)
- Supply voltage : 12 V to 1500 V and 1 / 2 or 3 phased distribution
- No drop of voltage along the whole of the cable

Working principle



Main characteristics

- Maximal length of one circuit : some meter to + 2500 meters
- Maximum exposition temp energized : function of the power and application
- Maximum exposition temp de-energized:
- TPE/TPR (125°C) - FEP (200°C) - PFA (260°C)
- Electrical protection (fuse) : Nominal power * 1.25
- Differential protection : 30 mA

Product reference

