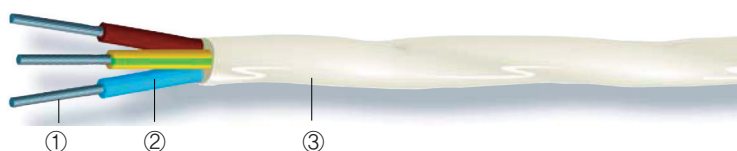


# Heat-Resistance Cables

RoHS

- 90°C to + 200°C M6-E6

- ① Flexible tinned copper core – class 5 – IEC 228.
- ② FEP fluorinated polymer insulator.
- ③ Outer sheath in FEP fluorinated polymer.



## Characteristics

### Physical-chemical

- Continuous working temperatures : - 90°C to + 200°C
- Excellent resistance to aggressive chemical environments.
- Excellent resistance to humidity.

### Electrical

- Working voltage : 300/500V.
- Test voltage : 2000V.

## Products

- Insulated conductors : any colours.
- Outer sheath: grey or white ; other colours, consult us.

## Packaging

- Rolls, spools or drums.

## Options

- Insulator and sheath in PFA-fluorinated polymer for a continuous working temperature of **260°C** : ref. **M5-E5**
- Insulator and sheath in ETFE-fluorinated polymer for a continuous working temperature of **155°C** and improved mechanical resistance : ref. **M7-E7**.
- Red copper cores, silver-plated or nickel-plated copper core : consult us.
- Other cross-sections and conductor number : consult us.

## Applications

- Wiring in hot or cold environments (cryogenics).
- Wiring in aggressive environments (chemicals, etc.).
- Wiring that requires compact fitting and excellent mechanical strength.
- Wiring of resistance temperature detectors type PT 100.



### Insulated conductors

### Cable

| Nominal cross-section mm <sup>2</sup> | Nominal core stranding | Nominal diameter mm | Nominal sheath thickness mm | Nominal outer diameter mm | Approx. linear weight kg/km |
|---------------------------------------|------------------------|---------------------|-----------------------------|---------------------------|-----------------------------|
| 2 x 0.5                               | 16 x 0.20              | 1.40                | 0.25                        | 3.3                       | 25.5                        |
| 3 x 0.5                               | 16 x 0.20              | 1.40                | 0.25                        | 3.5                       | 32.4                        |
| 4 x 0.5                               | 16 x 0.20              | 1.40                | 0.25                        | 3.9                       | 40.5                        |
| 5 x 0.5                               | 16 x 0.20              | 1.40                | 0.25                        | 4.3                       | 53.2                        |
| 7 x 0.5                               | 16 x 0.20              | 1.40                | 0.30                        | 4.8                       | 67.7                        |
| 2 x 0.75                              | 24 x 0.20              | 1.65                | 0.25                        | 3.8                       | 32.9                        |
| 3 x 0.75                              | 24 x 0.20              | 1.65                | 0.25                        | 4.0                       | 43.4                        |
| 4 x 0.75                              | 24 x 0.20              | 1.65                | 0.25                        | 4.5                       | 58.9                        |
| 5 x 0.75                              | 24 x 0.20              | 1.65                | 0.30                        | 5.1                       | 70.6                        |
| 7 x 0.75                              | 24 x 0.20              | 1.65                | 0.30                        | 5.5                       | 91.4                        |
| 2 x 1                                 | 32 x 0.20              | 1.75                | 0.25                        | 4.0                       | 37.8                        |
| 3 x 1                                 | 32 x 0.20              | 1.75                | 0.25                        | 4.3                       | 50.4                        |
| 4 x 1                                 | 32 x 0.20              | 1.75                | 0.25                        | 4.7                       | 67.9                        |
| 5 x 1                                 | 32 x 0.20              | 1.75                | 0.30                        | 5.3                       | 81.4                        |
| 7 x 1                                 | 32 x 0.20              | 1.75                | 0.30                        | 5.9                       | 107                         |
| 2 x 1.5                               | 30 x 0.25              | 2.15                | 0.25                        | 4.8                       | 57.6                        |
| 3 x 1.5                               | 30 x 0.25              | 2.15                | 0.30                        | 5.2                       | 75.6                        |
| 4 x 1.5                               | 30 x 0.25              | 2.15                | 0.30                        | 5.8                       | 95.8                        |
| 5 x 1.5                               | 30 x 0.25              | 2.15                | 0.30                        | 6.4                       | 118                         |
| 7 x 1.5                               | 30 x 0.25              | 2.15                | 0.40                        | 7.2                       | 155                         |