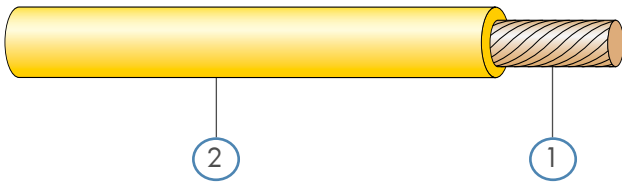


ETFE

| | |
|----------------------|-------------------------------------|
| Number of conductors | 1 |
| Cross section | 0.14 - 6 mm ² |
| Voltage rating | 60 / 600 V DC |
| Temperature range | (-55 °C) -40 °C to +200 °C (3000 h) |
| Min. bending radius | 3 x cable dia. |



Composition of cable

| | |
|---------------|---|
| 1. Conductor | stranded bare copper |
| 2. Insulation | ETFE, extruded fluoropolymer, various colours |

Characteristics and specialities

- high and low temperature resistance
- ozone and weathering resistance
- resistant to pressure at high temperature
- resistant to hot motor oils, fuels and hydrolysis
- flame retardant
- high abrasion resistance
- easy to strip and process

Application

Low voltage cable for use in road vehicle applications, where constant hot oil immersion is required.

Standards

| Conductor | General |
|----------------------------------|---|
| DIN 72551 part 6 | ISO 6722 class F, thin wall and ultra thin wall |
| ISO 6722 | |
| DIN EN 13602, Cu-ETP1-A (CW003A) | |

For further technical details please refer to our data sheet.

ETFE

Extract from our delivery programme

Dimensions according to DIN 72551 part 6 type A and B

| Cross-section mm ² | Conductor | | Conductor resistance @ 20 °C, max. Ω/km bare | Core | | Weight kg/100 m nom. |
|----------------------------------|-------------------------|---------------------|--|---------------------------|----------------|----------------------------|
| | construction* n x mm | Diameter max. mm | | wall thickness min. mm | Diameter mm | |
| 0.35 | 7 x 0.26 | 0.8 | 52.0 | 0.20 | 1.25 ± 0.05 | 0.4 |
| 0.5 | 19 x 0.19 | 1.0 | 37.1 | 0.22 | 1.50 ± 0.10 | 0.6 |
| 0.75 | 19 x 0.23 | 1.2 | 24.7 | 0.24 | 1.80 ± 0.10 | 1.0 |
| 1.0 | 19 x 0.26 | 1.35 | 18.5 | 0.24 | 2.00 ± 0.10 | 1.2 |
| 1.5 | 19 x 0.32 | 1.7 | 12.7 | 0.24 | 2.30 ± 0.10 | 1.7 |
| 2.5 | 50 x 0.26 | 2.0 | 7.6 | 0.28 | 2.85 ± 0.15 | 2.7 |
| 4.0 | 56 x 0.31 | 2.75 | 4.7 | 0.32 | 3.55 ± 0.15 | 4.3 |
| 6.0 | 84 x 0.31 | 3.3 | 3.1 | 0.32 | 4.15 ± 0.15 | 6.2 |

ultra thin wall designs on request

* typical value x max. single wire diameter