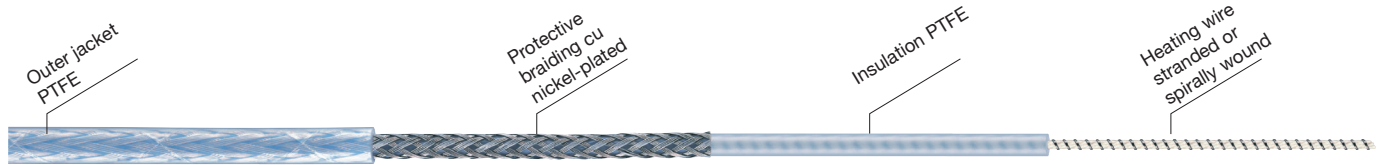


Heating Cable Type ELKM-AG-L up to 260°C



- High chemical resistance
- Can be used in all industrial areas
- Minimum impact resistance 4 Joules
- High working temperature
- Can be immersed in fluids

Applications:

The heating cable is suitable for highly corrosive environmental conditions for assembly on devices, receptacles, pipes, valves and similar. Except for the splices, it may be immersed in fluids. The robust PTFE outer jacket also renders this heating cable resistant against aggressive chemicals.

Technical Data:

| | |
|------------------------------|------------------------------|
| Insulation |PTFE |
| Earth braiding |Cu nickel-plated |
| Outer jacket |PTFE |
| Nominal voltage |500V |
| Max. loading |30W/m* |
| Operating temperature max |260°C when switched off |
| Min bending radius |5 x External-Ø |
| Min installation temperature |-50°C |
| Moisture protected |Yes |
| Impact resistance |4 Joule |

Standards:

| | |
|----------------------|-------------------------|
| Manufactured acc. to |DIN VDE 0253 |
| |EN 62395-1 |
| Short term |NH5Y1Q5Y 220 |
| VDE marks approval |40001594, 40024940 |

*Information: The output per meter of heating cable and the maximum possible working temperatures depend on the respective application. We recommend that you contact our engineers on an individual basis - we will gladly assist you.

| Resistance (Ω/km) | OD (mm) | Heating cable design | Temperature coefficient (1/K) | Part no. |
|-------------------|---------|----------------------|-------------------------------|----------|
| 1.95 | 6.64 | Stranded | 0.00430 | 1TT002E |
| 2.90 | 5.74 | Stranded | 0.00430 | 1TT003E |
| 4.40 | 5.14 | Stranded | 0.00430 | 1TT004E |
| 7.20 | 4.64 | Stranded | 0.00430 | 1TT007E |
| 10.00 | 4.34 | Stranded | 0.00430 | 1TT010E |
| 11.70 | 4.24 | Stranded | 0.00430 | 1TT011E |
| 15.00 | 4.04 | Stranded | 0.00430 | 1TT015E |
| 25.00 | 3.94 | Stranded | 0.00300 | 1TT025E |
| 31.50 | 4.24 | Stranded | 0.00160 | 1TT031E |
| 50.00 | 3.94 | Stranded | 0.00160 | 1TT050E |
| 65.00 | 3.74 | Stranded | 0.00160 | 1TT065E |
| 80.00 | 4.04 | Stranded | 0.00090 | 1TT080E |
| 100.00 | 3.94 | Stranded | 0.00090 | 1TT110E |
| 157.00 | 3.94 | Stranded | 0.00045 | 1TT115E |
| 180.00 | 3.64 | Stranded | 0.00090 | 1TT118E |
| 200.00 | 3.74 | Stranded | 0.00045 | 1TT120E |
| 260.00 | 3.64 | Stranded | 0.00045 | 1TT126E |
| 280.00 | 3.54 | Stranded | 0.00038 | 1TT128E |
| 328.00 | 3.84 | Stranded | 0.00018 | 1TT132E |
| 360.00 | 3.44 | Stranded | 0.00045 | 1TT138E |
| 430.00 | 3.64 | Stranded | 0.00018 | 1TT143E |
| 480.00 | 3.64 | Stranded | 0.00018 | 1TT148E |
| 600.00 | 3.54 | Stranded | 0.00018 | 1TT160E |
| 800.00 | 3.44 | Stranded | 0.00018 | 1TT180E |
| 1000.00 | 3.54 | Stranded | 0.00004 | 1TT210E |
| 1470.00 | 3.34 | Stranded | 0.00004 | 1TT214E |
| 1750.00 | 3.34 | Stranded | 0.00004 | 1TT217E |
| 1900.00 | 3.64 | Stranded | 0.00040 | 1TT219E |
| 2900.00 | 3.44 | Stranded | 0.00040 | 1TT229E |
| 4000.00 | 3.34 | Stranded | 0.00040 | 1TT240E |
| 4700.00 | 3.24 | Stranded | 0.00015 | 1TT247E |
| 6000.00 | 3.14 | Stranded | 0.00020 | 1TT260E |
| 7000.00 | 3.14 | Stranded | 0.00015 | 1TT270E |
| 8000.00 | 3.14 | Stranded | 0.00015 | 1TT280E |

| Accessories Item | Description | Part no. |
|---------------------------------|--|----------|
| ELV-L15 | PTFE-insulated stranded wire 1.5mm ² special design for ELKM-AG | 7399126 |
| Termination kit ELKM-A/AS-AE/AG | For cold cable | 7399125 |

Further resistances up to 1,500,000 Ω/Km upon request.