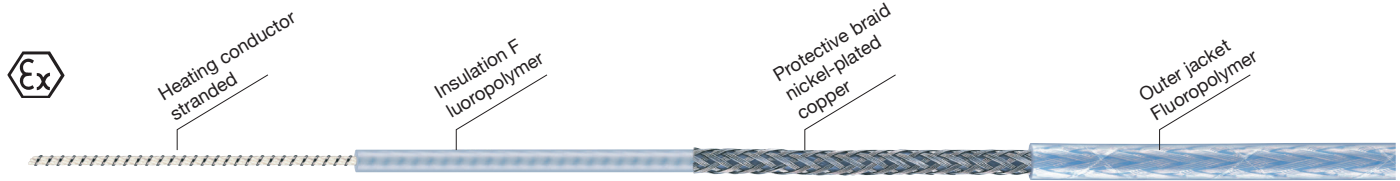


Heating Cable ELKM-AG-N up to 260°C



Advantages:

- High chemical and mechanical resistance
- Can be used in all industrial areas
- High operation temperature
- Can be used in liquids
- Easy to install, even on complex shapes
- Highly flexible
- Resistant to steam purging

Technical Data:

Insulation	.....	Fluoropolymer
Protective braid	.....	Nickel-plated copper
Outer jacket	.....	Fluoropolymer
Nominal voltage, max	.....	550V
Output, max	.....	30W/m*
Operating temperature max	.....	260°C
Bending radius, min	.....	2.5 x outer diameter
Min installation temperature	.....	-60°C
Moisture proof	.....	IP68
Impact resistance	.....	4 Joule
Heating conductor	.....	Stranded

Applications, especially in Hazardous Areas: e.g.

- Heat tracing on tanks
- Heat tracing on vessels
- Heat tracing on filters
- Heat tracing on hoppers
- Pipe, valve and pump heating
- Tank containers
- IBC's
- Heating hoods
- Automotive
- Varnishing plants

IMPORTANT!
This cable can be produced and delivered for hazardous areas (Ex-area, with ATEX certificate) - please state when ordering.

Standards:

Manufactured acc. to DIN VDE 0253, EN 60079-30-1
 Certificate EPS 12ATEX1466U
 Classification II 2G Ex e IIC Gb II 2D Ex tb IIIC Db

*Note: The output per meter of heating cable and the maximum possible operating temperatures depend on the respective application. For individual cases we recommend that you contact our engineers - we will be pleased to advise you.

Nominal Resistance (Ω/km)	OD approx. (mm)	Weight approx (g/m)	Temperature coefficient (x 10 ⁻³ /K)	Part no.
1.95 (Cu 10mm ²)	8,1	166	4,30	01TA002E
2.90 (Cu 6mm ²)	6,8	119	4,30	01TA003E
4.40 (Cu 4mm ²)	6,1	96	4,30	01TA004E
7.20 (Cu 10mm ²)	5,1	64	4,30	01TA007E
10.00	4,8	59	4,30	01TA010E
11.70 (Cu 1.5mm ²)	4,7	57	4,30	01TA011E
15.00	4,5	50	4,30	01TA015E
25.00	4,4	48	3,00	01TA025E
31.50	4,7	56	1,60	01TA031E
50.00	4,4	49	1,60	01TA050E
65.00	4,2	46	1,60	01TA065E
80.00	4,5	42	0,90	01TA080E
100.00	4,4	50	0,90	01TA110E
157.00	4,4	46	0,45	01TA115E
180.00	4,1	42	0,90	01TA118E
200.00	4,2	38	0,45	01TA120E
260.00	4,1	42	0,45	01TA126E

Nominal Resistance (Ω/km)	OD approx. (mm)	Weight approx (g/m)	Temperature coefficient (x 10 ⁻³ /K)	Part no.
280.00	4,0	39	0,38	01TA128E
340.00	4,1	40,1	0,45	01TA132E
360.00	3,9	40	0,45	01TA138E
430.00	4,1	43	0,18	01TA143E
480.00	4,1	44	0,18	01TA148E
600.00	4,0	40	0,18	01TA160E
800.00	3,9	41	0,18	01TA180E
1000.00	4,0	43	0,04	01TA210E
1470.00	3,8	40	0,04	01TA214E
1750.00	3,8	37	0,04	01TA217E
1900.00	3,5	41	0,40	01TA219E
2900.00	3,9	41	0,40	01TA229E
4000.00	3,8	37	0,40	01TA240E
4700.00	3,8	35	0,15	01TA247E
6000.00	3,8	34	0,20	01TA260E
7000.00	3,8	33	0,15	01TA270E
8000.00	3,8	36	0,15	01TA280E

For applications with fixed external diameter, please contact our engineers first.

Cables shall neither intersect nor contact.
 Provide protection by means of circuit breaker FI 30mA.
 Please observe the standards EN 60079-30-2, EN 60519-10

Weight tolerances are possible for manufacturing reasons. Nominal resistances up to 1,500,000 Ω/km upon request.
 Resistance tolerance +/- 5%.