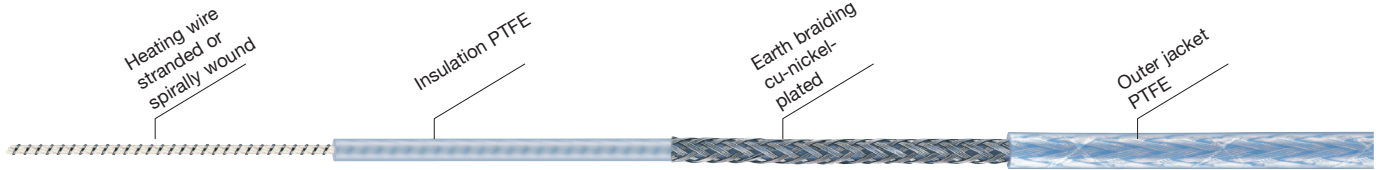


Heating Cable ELKM-AG-N up to 260°C



Resistance (Ω/km)	OD (mm)	Heating cable design	Temperature coefficient (1/K)	Part no.
1.95	6.64	Stranded	0.00430	1TA002E
2.90	5.74	Stranded	0.00430	1TA003E
4.40	5.14	Stranded	0.00430	1TA004E
7.20	4.64	Stranded	0.00430	1TA007E
10.00	4.34	Stranded	0.00430	1TA010E
11.70	4.24	Stranded	0.00430	1TA011E
15.00	4.04	Stranded	0.00430	1TA015E
25.00	3.94	Stranded	0.00300	1TA025E
31.50	4.24	Stranded	0.00160	1TA031E
50.00	3.94	Stranded	0.00160	1TA050E
65.00	3.74	Stranded	0.00160	1TA065E
80.00	4.04	Stranded	0.00090	1TA080E
100.00	3.94	Stranded	0.00090	1TA110E
157.00	3.94	Stranded	0.00045	1TA115E
180.00	3.64	Stranded	0.00090	1TA118E
200.00	3.74	Stranded	0.00045	1TA120E
260.00	3.64	Stranded	0.00045	1TA126E
280.00	3.54	Stranded	0.00038	1TA128E
328.00	3.84	Stranded	0.00018	1TA132E
360.00	3.44	Stranded	0.00045	1TA138E
430.00	3.64	Stranded	0.00018	1TA143E
480.00	3.64	Stranded	0.00018	1TA148E
600.00	3.54	Stranded	0.00018	1TA160E
800.00	3.44	Stranded	0.00018	1TA180E
1000.00	3.54	Stranded	0.00004	1TA210E
1470.00	3.34	Stranded	0.00004	1TA214E
1750.00	3.34	Stranded	0.00004	1TA217E
1900.00	3.64	Stranded	0.00040	1TA219E
2900.00	3.44	Stranded	0.00040	1TA229E
4000.00	3.34	Stranded	0.00040	1TA240E
4700.00	3.24	Stranded	0.00015	1TA247E
6000.00	3.14	Stranded	0.00020	1TA260E
7000.00	3.14	Stranded	0.00015	1TA270E
8000.00	3.14	Stranded	0.00015	1TA280E

- 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. Heating cable ELKM-AG is also suitable for use in the hazardous area. 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
ATEX certificate	.....LCIE 01 ATEX 6048 X
Equipment category	.....Ex II 2G EEx e II T3, T4, T5

*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.

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

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

October 2012
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