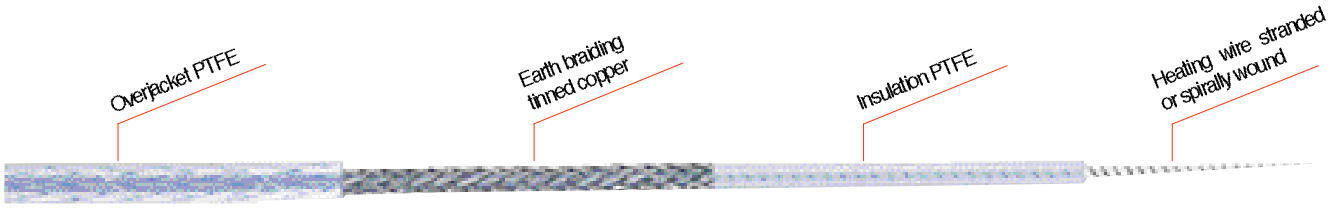
PTFE Heating Cable

ELKM-AG up to 250ºC



Description of Heating Cable

- High chmical resistance
- For all types of application
- Durable
- High operating temperature
- Can be used in liquids

Technical Data

Insulation	PTFE
Earth braiding	tinned copper
Overjacket	PTFE
Nominal temperature	220℃
Nominal voltage	500 V
Max. loading	30 W/m
Min. bending radius	20mm
Min. insulation Temperature	-50℃
Moisture protecte	yes

Standards

Manufactured according to	DIN VDE 0253
El. Code	NH5YI1Q15411220
VDE-No	7615
Test Procedure to	DIN VDE 0721 T 411
	2.5Kv AC - 1 min

Specification

Resistance [Ω / m]	OD [mm]	Resistance wire	Temperature coefficient	Item-No. [1/100K]
0.0117	5.1	stranded	1.43	0138010
0.0264	4.7	stranded	1.43	0318018
3.034	4.6	stranded	1.43	0138022
0.05	4.9	stranded	1.3	0138030
0.08	4.6	stranded	1.3	0138038
0.01	5.1	stranded	1.04	0138042
0.14	4.9	stranded	1.04	0138046
0.16	4.8	stranded	1.04	0138050
0.2	4.8	stranded	1.04	0138054
0.26	4.6	stranded	1.04	0138058
0.34	4.4	stranded	1.04	0138062
0.43	4.6	stranded	1.0018	0138066
0.51	4.5	stranded	1.0018	0138070
0.53	4.5	stranded	1.0018	0138074
0.68	4.4	stranded	1.0018	0138078
1.0	4.5	stranded	1	0138082
1.25	4.4	stranded	1	0138086
1.44	4.3	stranded	1	0138090
1.75	4.3	stranded	1	0138094
2.06	4.5	stranded	1.029	0138098
2.5	4.4	stranded	1.029	0138102
3.1	4.8	spirally	1.04	0138106
3.4	4.8	wound	1.04	0138110

Resistance [Ω / m]	OD [mm]	Resistance wire	Temperature coefficient	Item-No. [1/100K]
4.0	4.8	spirally	1.018	0138114
4.7	4.8	wound	1.018	0138118
5.7	4.8	spirally	1.018	0138122
7	4.8	wound	1.018	0138126
9	4.8	spirally	1.018	0138130
11	4.8	wound	1.018	0138134
13	4.8	spirally	1	0138138
15	4.8	wound	1	0138142
20	4.8	spirally	1	0138146
25	4.8	wound	1	0138150
30	4.8	spirally	1	0138154
40	4.8	wound	1	0138158
50	4.8	spirally	1	0138162
60	4.8	wound	1	0138166
80	4.8	spirally	1	0138170
100	4.8	wound	1.006	0138174
117	4.8	spirally	1.029	0138178
160	4.8	wound	1.029	0138182
200	4.8	spirally	1.006	0138186
300	4.8	wound	1.006	0138190
450	4.8	spirally	1.006	0138194
600	4.8	wound	1.006	0139198
1500	4.8	spirally	1.002	0138202