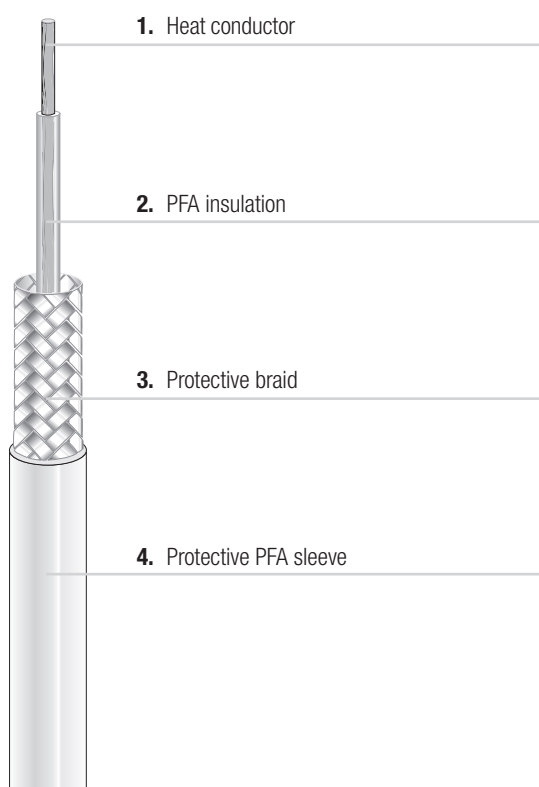


- Constant power output per meter
- Steam purging resistant, high chemical resistance
- ATEX approved according to EN 60079
- Suitable for use in hazardous areas (4 J impact resistance)

EKL medium is an extremely flexible heating cable with a fixed specific resistance. Thanks to its small outer dimensions, the heating cable can be easily installed even on irregularly objects such as pumps, valves and flanges. The heating cable can be easily tailored on sites and made even easier by the imprinted metre markings.



Ordering information EKL premium

Description	Nominal resistance at 20 °C in Ω/km	Outside diameter (mm)	Order no.
1R08 ¹⁾	1.08	10.20	27-5821-756K1R08
1R71 ¹⁾	1.71	8.60	27-5821-756K1R71
02R9 ¹⁾	2.9	7.60	27-5821-756K02R9
0004 ¹⁾	4	6.55	27-5821-756K0004
04R4 ¹⁾	4.4	6.70	27-5821-756K04R4
07R2	7.2	4.94	27-5821-756G07R2
0010	10	4.75	27-5821-756G0010
11R7	11.7	4.60	27-5821-756G11R7
0015	15	4.42	27-5821-756G0015
17R8	17.8	4.30	27-5821-756G17R8
0025	25	4.27	27-5822-756G0025
31R5	31.5	4.59	27-5822-756G31R5
0040	40	4.40	27-5822-756G0040
0050	50	4.27	27-5822-756G0050
0065	65	4.11	27-5822-756G0065
0080	80	4.01	27-5822-756G0080
0100	100	3.90	27-5822-756G0100

Explosion protection

Marking	II 2G Ex 60079-30-1 IIC Gb II 2D Ex 60079-30-1 IIIC Db
Certification	KEMA 10 ATEX 0035 U IECEx KEM 10.0011U
Other approvals and certificates, see www.bartec.de	

Technical data

Nominal voltage (U ₀ /U)	450 V/750 V
Test voltage	2.5 kV (lead/braid)
Protective braid resistance	< 18.0 Ω/km
Operating temperature	-60 °C to +260 °C
Min. installation temperature	-60 °C
Min. bending radius	15 mm, 25 mm for 1R08 and 1R71
Shock resistance	4 J, (in conformance to EN 60079)

Ordering information EKL medium

Description	Nominal resistance at 20 °C in Ω/km	Outside diameter (mm)	Order no.
0150	150	4.27	27-5822-756G0150
0180	180	3.96	27-5822-756G0180
0200	200	4.10	27-5822-756G0200
0250	250	3.80	27-5822-756G0250
0320	320	4.23	27-5826-756G0320
0360	360	4.10	27-5822-756G0360
0380	380	4.06	27-5826-756G0380
0480	480	4.03	27-5826-756G0480
0600	600	3.99	27-5826-756G0600
0650	650	3.95	27-5826-756G0650
0700	700	3.92	27-5826-756G0700
0810	810	3.88	27-5822-756G0810
1000	1000	3.89	27-5822-756G1000
1440	1440	3.74	27-5822-756G1440
1750	1750	3.67	27-5822-756G1750
2000	2000	3.92	27-5824-756G2000
3000	3000	3.75	27-5824-756G3000
4000	4000	3.65	27-5824-756G4000
4400	4400	3.63	27-5824-756G4400
5160	5160	3.59	27-5824-756G5160
5600	5600	3.56	27-5824-756G5600
6000	6000	3.55	27-5824-756G6000
7000	7000	3.50	27-5824-756G7000
8000	8000	3.47	27-5824-756G8000

Technical data subject to change without notice.