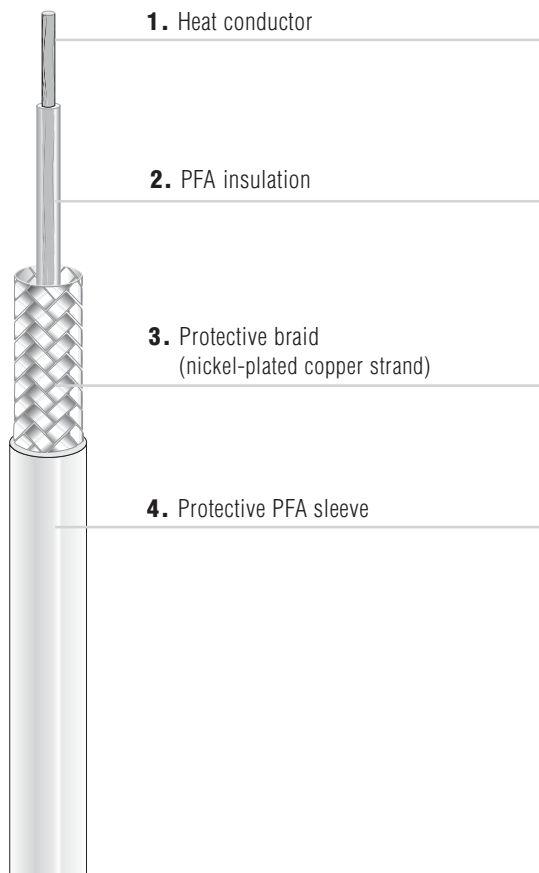




Flexible single-core heating cable EKL premium



Features

- Stable heat output per meter
- Resistant to steampurging, high resistant to chemicals
- Simple installation, simple tailoring on site
- ATEX approval in conformance to EN 60079
- Suitable for applications in explosive area (7J impact resistance)

Description

EKL premium is a flexible heating cable with a fixed specific resistance. Its small external dimensions make the heating cable easy to install, even on irregularly shaped surfaces such as on pumps, valves and flanges. Assembly on building sites is simple and made even easier by the imprinted metre markings.

The reinforced structure facilitates applications of the EKL premium heating cable even under increased mechanical stress (7 Joule).

Explosion protection

Ex protection type

Ex II 2G Ex e II
Ex II D Ex tD A21

Certification

KEMA10ATEX0035 U

Technical data

Rated voltage

450/750 V (U_0/U)

Test voltage

2.5 kV (lead/braid)

Resistance of the protective braid

< 18.2 Ω /km

Working temperature

-60 °C up to +260 °C

Min. installation temperature

-60 °C

Bending radius

min. 15 mm,
min. 25 mm for 1R08 and 1R71

Shock resistance

7 joules (in conformance to EN60079)

Selection chart EKL premium

Designation	Ω /km at +20 °C	Outside diameter	➔ Order no.	Designation	Ω /km at +20 °C	Outside diameter	➔ Order no.
EKL premium 1R08	1.08	10.20	27-5821-756K1R08	EKL premium 0150	150	4.84	27-5822-756K0150
EKL premium 1R71	1.71	8.60	27-5821-756K1R71	EKL premium 0180	180	4.56	27-5822-756K0180
EKL premium 02R9	2.9	7.60	27-5821-756K02R9	EKL premium 0200	200	4.70	27-5822-756K0200
EKL premium 0004	4	6.55	27-5821-756K0004	EKL premium 0320	320	4.83	27-5826-756K0320
EKL premium 04R4	4.4	6.70	27-5821-756K04R4	EKL premium 0360	360	4.42	27-5822-756K0360
EKL premium 07R2	7.2	5.54	27-5821-756K07R2	EKL premium 0380	380	4.73	27-5826-756K0380
EKL premium 0010	10	5.35	27-5821-756K0010	EKL premium 0480	480	4.61	27-5826-756K0480
EKL premium 11R7	11.7	5.20	27-5821-756K11R7	EKL premium 0600	600	4.50	27-5826-756K0600
EKL premium 0015	15	5.02	27-5821-756K0015	EKL premium 0650	650	4.46	27-5826-756K0650
EKL premium 17R8	17.8	4.90	27-5821-756K17R8	EKL premium 0700	700	4.43	27-5826-756K0700
EKL premium 0025	25	4.87	27-5822-756K0025	EKL premium 0810	810	4.59	27-5822-756K0810
EKL premium 31R5	31.5	5.19	27-5822-756K31R5	EKL premium 1000	1000	4.49	27-5822-756K1000
EKL premium 0050	50	4.87	27-5822-756K0050	EKL premium 1440	1440	4.34	27-5822-756K1440
EKL premium 0065	65	4.71	27-5822-756K0065	EKL premium 1750	1750	4.27	27-5822-756K1750
EKL premium 0080	80	4.61	27-5822-756K0080	EKL premium 2000	2000	4.52	27-5824-756K2000
EKL premium 0100	100	5.16	27-5822-756K0100	EKL premium 3000	3000	4.35	27-5824-756K3000
				EKL premium 8000	8000	4.07	27-5824-756K8000