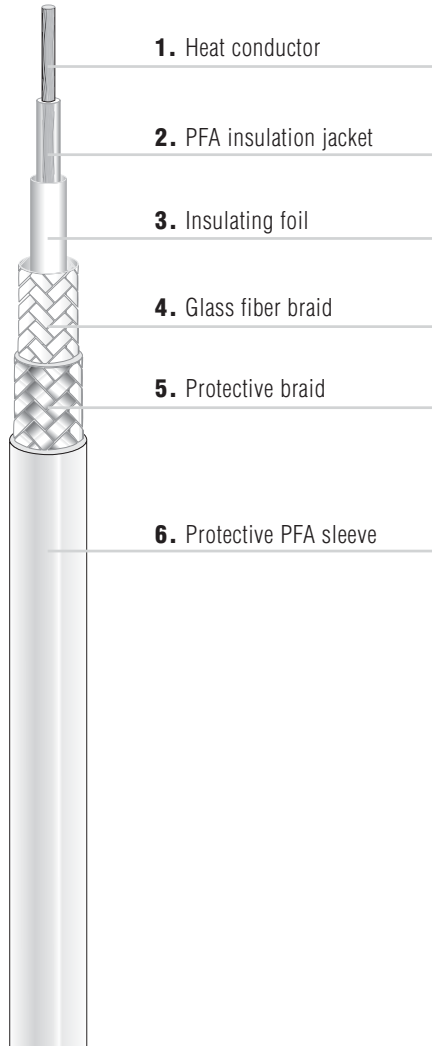




Flexible single-core heating cable EKL premium



Features

- Stable heat output per metre
- Resistant to steam purging, high resistant to chemicals
- Easy installation even at low ambient temperature
- Suitable for applications in explosive areas, simple tailoring on site
- Design in according to EN 50019/IEC 62086-1

Description

The flexible single-core heating cable EKL premium is of the fixed resistance type. The EKL premium heating cable is extremely flexible and therefore ideal for the heating of piping, pumps, valves or containers. The reinforced structure facilitates applications of the EKL premium heating cable even under increased mechanical stress (7 J in according with EN 50019/IEC 62086-1).

➔ Explosion protection

Ex protection type

Ex II 2G EEx e II

Certification

PTB 02 ATEX 1095 U

➔ Technical data

Rated voltage

300 V/500 V

Test voltage

AC 2.5 kV (lead/braid)

Diameter of the Cu-wires

> 0.15 mm

Resistance of the protective braid

< 18.2 Ω/km

Nominal temperature

+200 °C

Min. installation temperature

-20 °C

Bending radius

min. 5 x external diameter

Weight

< 160 g/m

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 04R4	4.40	6.61	27-5821-551804R4	EKL premium 0360	360	4.56	27-5822-55180360
EKL premium 07R2	720	5.89	27-5821-551807R2	EKL premium 0450	450	4.61	27-5826-55180450
EKL premium 0010	10.00	5.50	27-5821-55180010	EKL premium 0650	650	4.61	27-5826-55180650
EKL premium 11R7	11.70	5.35	27-5821-551811R7	EKL premium 0800	800	4.52	27-5826-55180800
EKL premium 0025	25.00	5.01	27-5822-55180025	EKL premium 1000	1000	4.63	27-5822-55181000
EKL premium 31R5	31.50	5.34	27-5822-551831R5	EKL premium 1300	1300	4.45	27-5826-55181300
EKL premium 0050	50	5.01	27-5822-55180050	EKL premium 1470	1470	4.48	27-5822-55181470
EKL premium 0100	100	5.31	27-5822-55180100	EKL premium 1900	1900	4.68	27-5824-55181900
EKL premium 0180	180	4.71	27-5822-55180180	EKL premium 2900	2900	4.50	27-5824-55182900
EKL premium 0230	230	4.68	27-5825-55180230	EKL premium 4000	4000	4.39	27-5824-55184000
EKL premium 0250	250	4.65	27-5825-55180250	EKL premium 6000	6000	4.29	27-5824-55186000
EKL premium 0280	280	4.60	27-5825-55180280	EKL premium 7000	7000	4.24	27-5824-55187000