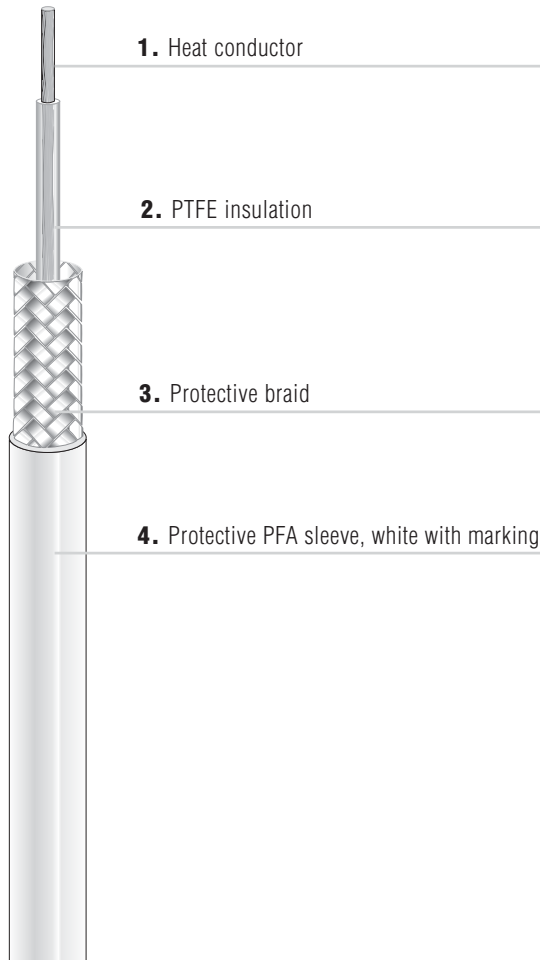




Single-core heating cable EKL medium



Features

- Stable heat output per meter
- Resistant to steampurging, high resistant to chemicals
- Simple installation, simple tailoring on site
- Optimum price/performance ratio
- Suitable for applications in explosive area

Description

EKL medium is an extremely flexible heating cable with a fixed specific resistance. Thanks to its small outer dimensions, the EKL medium can be easily installed even on uneven objects such as pumps, valves and flanges. The heating cable can be easily tailored on construction sites. The electric connection of the EKL medium heating cable is established by means of one of two options, either with a "D" or Plexo E heating cable connection.

Explosion protection

Ex protection type Ex II 2GD EEx e II IP 6X
Certification LCIE 06 ATEX 0006 U

Technical data

Nominal voltage 500 V
Test voltage min. 2.2 kV (core/braiding)
Diameter of Cu wires > 0.15 mm
Protective braid resistance < 18.2 Ω /km
Nominal temperature +195 °C
Min. installation temperature -20 °C
Bending radius min. 5 x external diameter
Weight < 160 g/m

Selection chart EKL medium

Designation	Ω /km at +20 °C	Outside diameter	➔ Order no.	Designation	Ω /km at +20 °C	Outside diameter	➔ Order no.
EKL medium 01R9	1.9	8.35 ¹⁾	27-5821-562701R9	EKL medium 0280	280	3.94	27-5825-56270280
EKL medium 02R9	2.9	7.25 ¹⁾	27-5821-562702R9	EKL medium 0360	360	3.90	27-5822-56270360
EKL medium 04R4	4.4	5.99 ¹⁾	27-5821-562704R4	EKL medium 0450	450	3.95	27-5826-56270450
EKL medium 07R2	7.2	5.43 ¹⁾	27-5821-562707R2	EKL medium 0650	650	3.95	27-5826-56270650
EKL medium 11R7	11.7	4.69	27-5821-562711R7	EKL medium 0800	800	3.86	27-5826-56270800
EKL medium 0025	25	4.35	27-5822-56270025	EKL medium 1000	1000	3.97	27-5822-56271000
EKL medium 31R5	31.5	4.68	27-5822-562731R5	EKL medium 1300	1300	3.79	27-5826-56271300
EKL medium 0050	50	4.35	27-5822-56270050	EKL medium 1470	1470	3.82	27-5822-56271470
EKL medium 0080	80	4.09	27-5822-56270080	EKL medium 1900	1900	4.02	27-5824-56271900
EKL medium 0100	100	3.99	27-5822-56270100	EKL medium 2900	2900	3.84	27-5824-56272900
EKL medium 0180	180	4.05	27-5822-56270180	EKL medium 4000	4000	3.73	27-5824-56274000
EKL medium 0230	230	4.02	27-5825-56270230	EKL medium 6000	6000	3.63	27-5824-56276000
EKL medium 0250	250	3.99	27-5825-56270250	EKL medium 8000	8000	3.55	27-5824-56278000

¹⁾ not be used with Type 27-59M1-1100