KYCYR
Series cables for underfloor heating

CE

Characteristics

- Hard-wearing and flexible.
- For mechanical protection and earthing.
- 3 m power cable on one end only, integrated return conductor.
- Power supply : 230 V as standard.
- Series resistance, silicon elastomer and PVC insulation, with copper braided shielding and an extra PVC outer sheath.
- Special production on request.
- Ingress protection code : IP65 terminated cable by ourself, - IK08.

Applications

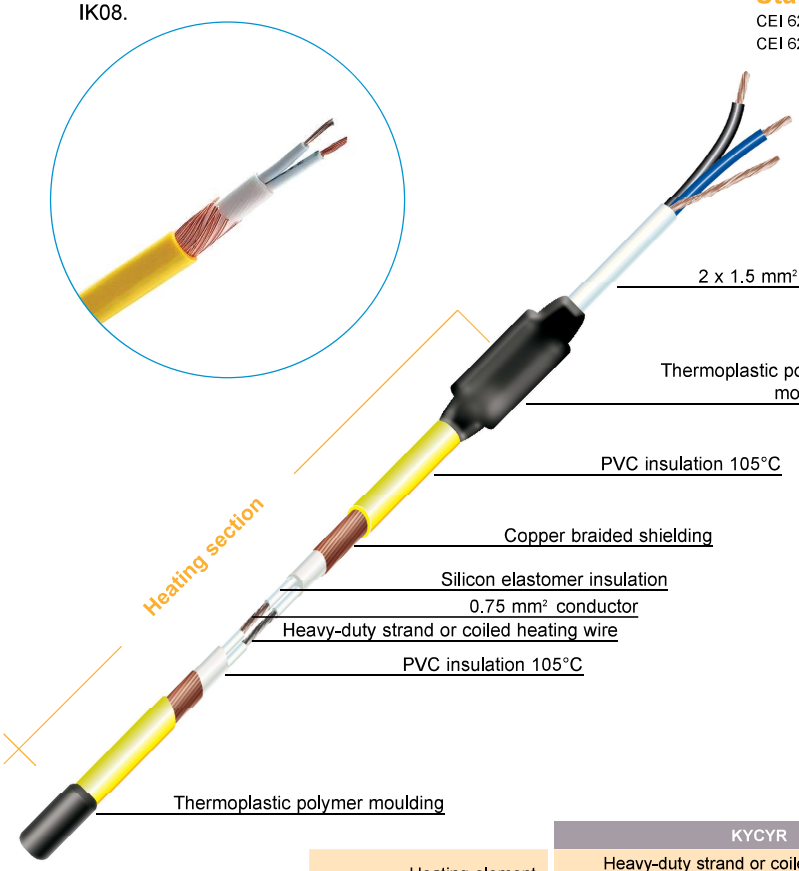
KYCYR heating cables are particularly hard-wearing and are used for applications set in concrete slabs to protect against freezing or to maintain a temperature.

The cables must be set in accordance with the local regulations in force: in France these include DTU65-7 published by AFNOR.

To ensure that these heating elements enjoy a long service life, we recommend using a control device

Standards

CEI 62395-1
CEI 62395-2
NF P 52-302-1 + annex A1
NF P 52-302-2 (DTU 65.7)



	KYCYR
Heating element	Heavy-duty strand or coiled heating wire (Nickel-Copper or Nickel-Chrome)
Diameter	7 to 8 mm
Max. power	27 W/m
Permissible surface temperature	up to + 80°C
Min. bending radius	6 x the diameter
Tolerance	Resistance : - 5% / + 10% Length ± 1 %

Standard 230 V models

20 W/m		
Length (m)	Power (W)	Resistance (Ω/m)
10	200	27.0
15	300	11.8
20	400	6.7
30	600	2.8
40	800	1.65
48	940	1.15
55	1100	0.87
75	1500	0.47
90	1800	0,30
113	2100	0.20

10 W/m		
Length (m)	Power (W)	Resistance (Ω/m)
13	100	41.0
14	140	27.0
15.5	206	16.0
18	180	16.0
20	160	16.0
20	285	9.2
21	210	11.8
24	240	9.2
28	280	6.7
36	360	4.0
44	430	2.8
49	480	2.24
57	560	1.65
68	660	1.15
78	780	0.87
92	920	0.6
104	1040	0.47
128	1280	0.3
155	1550	0.2

Use

Consult the pages of the catalogue devoted to the corresponding general operating principles, general instructions for use and accessories.

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