

# Parallel heating cable

made of silicone

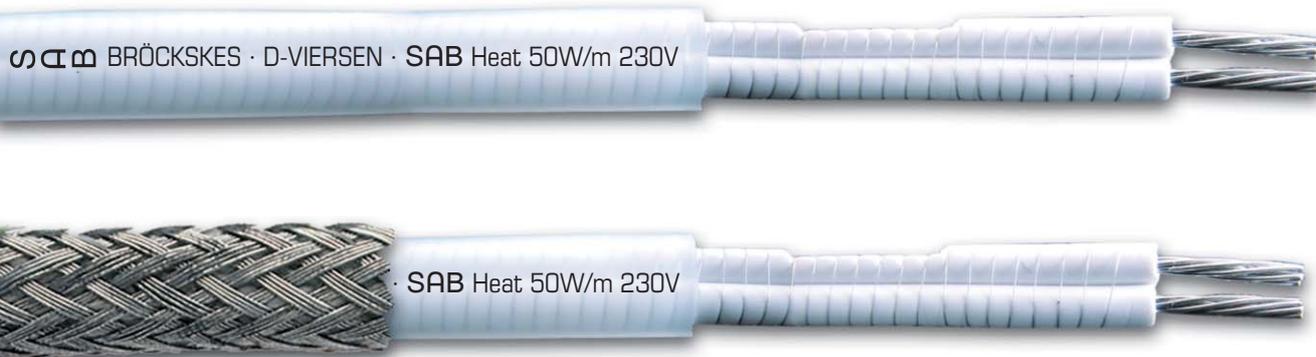


SAB Bröckskes is a leading manufacturer of cables, thermocouples and cable harnessing worldwide. Our strength is not only the production of standard products but also the development and manufacturing of special products acc. to customers' specifications. Every year we manufacture more than 1500 special products on our customer's request.

The parallel heating cable SAB Heat consists of two tinned copper conductors imbedded in silicone and is surrounded by a resistance wire. The contact points are 0.5 m offset laterally. The conductors are flat beside each other and are separably connected to each other.



## SAB Heat parallel heating cable



### Construction:

<b>Conductor:</b>	tinned copper strands, extra fine wires acc. to IEC 60228 class 2
<b>Dimension:</b>	2 x 0,75 mm <sup>2</sup>
<b>Insulation:</b>	Silicone
<b>Colour code:</b>	white
<b>Stranding:</b>	flat beside each other, separably connected
<b>Contact points:</b>	1 m , 0.5m offset laterally
<b>Sheath material:</b>	Silicone / FEP / PVC
<b>Sheath colour:</b>	translucent
<b>optionally armoured or additional outer sheath:</b>	tinned copper braiding as mechanical protection or grounding Silicone / FEP / PVC

### Technical Data:

<b>Allowed surface temperature</b> <i>fixed laying:</i>	PVC: +70 °C Silicone: +200 °C FEP: +200 °C
<b>Fire performance:</b>	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + EN 60332-1-2
<b>Max. heating circle length:</b>	44 m
<b>Tension range:</b>	<b>Item no.</b> Silicone: 0180-9009 230 V 0180- . . . . 280 V on request FEP: 0180- . . . . 230 V on request 0180- . . . . 280 V on request PVC: 0180- . . . . 230 V on request 0180- . . . . 280 V on request
<b>Dimension:</b>	Silicone: approx. 4,5 x 7,3 mm FEP: approx. 4,5 x 6,3 mm PVC: approx. 4,5 x 7,3 mm
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union

Deviating performance categories and dimensions on request!



**Application for example in air conditioning units, as anti-freeze protection, defrosting aid in cooling systems**