

# Cable Track Cable

## S 180 HT

continuously flexible high temperature control cable with numbered cores and Besilen® outer sheath

+180 °C

SAB Flex



**Application:** For use in cable tracks with extremely ambient temperature like for example in steel industry.

### Construction:

<b>Conductor:</b>	tinned copper strands acc. to IEC 60228, VDE 0295, class 6
<b>Insulation:</b>	FEP
<b>Colour code:</b>	black cores with consecutive numbers acc. to EN 50334 + VDE 0293-334, green-yellow earth wire from 3 cores
<b>Stranding:</b>	specially adjusted layering with non-woven tape over each layer
<b>Wrapping:</b>	tape
<b>Sheath material:</b>	special Besilen®
<b>Sheath colour:</b>	grey (similar RAL 7000)

### Technical Data:

<b>Nominal voltage:</b>	Uo/U 0,6/1 kV
<b>Testing voltage:</b>	core/core 4000 V
<b>Min. bending radius</b> <i>continuously flexible:</i>	10 x d
<b>Temperature range</b> <i>fixed laying:</i>	-25/+180 °C
<i>flexible application:</i>	-25/+180 °C
<i>short-time use:</i>	+200 °C
<b>Fire performance:</b>	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2
<b>Flexibility:</b>	very good
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union, see chapter N „Technical data“

### Outstanding features:



- extreme temperature resistance
- high notch resistance
- very good flexibility

item no.	no. of cores x cross section n x mm <sup>2</sup>	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈ kg/km
318005002000000	20 x 0,50	12,1	96,0	226,5
318014001600000	16 x 4,00	21,8	614,4	918,4
318025000100004	1 x 50,0	15,0	480,0	599,8
318025900100005	1 x 95,0	20,9	912,0	1100,6
318021600300000	3 x 16,0	19,0	460,8	695,7

Other dimensions and colours are possible on request.