

# Lift and Festoon Cables

## SABIX® Lift

Lift control cable with sisal cord as supporting member



Marking for SABIX® Lift: 53902410:

SAB BRÖCKSKES · D-VIERSEN · SABIX® Lift 24 x 1.0 mm² CE

**Application:** Our halogen-free lift cables are used whenever there are highest safety requirements, especially in public buildings and institutions as for example department stores, hospitals, railway and airport institutions, etc.

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### Construction:

<b>Conductor:</b>	bare copper strands acc. to IEC 60228, VDE 0295, class 6
<b>Insulation:</b>	special SABIX®
<b>Color code:</b>	black conductors with consecutive numbers acc. to EN 50334 + VDE 0293-334 and a green/yellow ground
<b>Strain relief:</b>	sisal cord
<b>Stranding:</b>	sisal cord as core, optimized twisting of the conductors in layers
<b>Wrapping:</b>	non-woven tape on each layer with overlap wrapping
<b>Torsion protecting:</b>	special braid
<b>Jacket material:</b>	thermoplastic special elastomer
<b>Jacket color:</b>	black (RAL 9005)

### Outstanding features:



- halogen-free
- long service life
- elevated economic efficiency
- flame retardant and self-extinguishing

### Technical data:

<b>Nominal voltage:</b>	U <sub>0</sub> /U 300/500 V
<b>Testing voltage:</b>	conductor/conductor: 2000 V
<b>Min. bending radius:</b>	15 x O.D.
<b>Temperature range:</b>	
<i>static:</i>	-40/+90°C
<i>flexible:</i>	-30/+90°C
<b>Halogen-free:</b>	acc. to IEC 60754-1 + VDE 0482-754-1
<b>Burning characteristics:</b>	no flame propagation acc. to IEC 60332-3-24 + VDE 0482-332-3-24 resp. IEC 60332-3-25 + VDE 0482-332-3-25 cat. C resp. D, see chapter O
<b>Suspended height:</b>	up to 60 m
<b>Approvals:</b>	CE, EAC, RoHS
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union see page O/30

item no.	no. of conductors incl. ground	nominal outer-ø inch	nominal outer-ø mm	cable weight ≈lbs/mft	ohmic resistance at 20°C max. Ω/km
▶ 18 AWG (≈ 56/34) ▪ 1.00 mm <sup>2</sup>					
53900510	5	0.421	10.7	89	19.5
53900710	7	0.421	10.7	89	19.5
53900910	9	0.488	12.4	134	19.5
53901210	12	0.567	14.4	175	19.5
53901810	18	0.783	19.9	283	19.5
53902410	24	0.783	19.9	330	19.5
53903010	30	0.823	20.9	390	19.5

Other dimensions and colors are available on request



### Possible on request:

- with overall tinned copper braiding
- with different conductor and jacket colors

- Please pay attention to the installation instructions on page O/13
- You will find a life cycle test SABIX® Lift on page O/38