

Lift and Festoon Cables

SABIX® Lift ST

Lift control cable with steel center as supporting member

highest hanging
lengths



SABIX® Lift ST 24 x 1.0 mm² CE



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.

Construction:

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

Outstanding features:

- halogen-free
- highest hanging lengths
- long service life
- flame retardant and self-extinguishing

Technical data:

Nominal voltage:	U _o /U 300/500 V
Testing voltage:	conductor/conductor: 2000 V
Min. bending radius:	15 x O.D.
Temperature range: <i>static:</i> <i>flexible:</i>	-40/+90°C -30/+90°C
Halogen-free:	acc. to IEC 60754-1 + VDE 0482-754-1
Burning characteristics:	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
Suspended height:	up to 200 m
Approvals:	CE, RoHS
Absence of harmful substances:	acc. to RoHS directive of the European Union see page O/30

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item no.	no. of conductors incl. ground	outer-ø inch	mm	cable weight ≈ lbs/mft	ohmic resistance at 20°C max. Ω/km
► 18 AWG (≈ 56/34) • 1.00 mm ²					
53910510	5	0.343	8.7	77	19.5
53910710	7	0.386	9.8	103	19.5
53910910	9	0.453	11.5	165	19.5
53911210	12	0.551	14.0	227	19.5
53911810	18	0.654	16.6	279	19.5
53912410	24	0.661	16.8	332	19.5
53913010	30	0.780	19.8	452	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