

Lift and Festoon Cables

SABIX® Lift ST

Lift control cable with steel center as supporting member

highest hanging lengths



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: | Uo/U 300/500 V |
| Testing voltage: | conductor/conductor: 2000 V |
| Min. bending radius: | 15 x O.D. |
| Temperature range: | |
| <i>static:</i> | -40/+90°C |
| <i>flexible:</i> | -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, EAC, 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 | nominal outer-ø inch | mm | cable weight ≈lbs/mft | ohmic resistance at 20°C max. Ω/km |
|-------------------------------|--------------------------------|----------------------|------|-----------------------|------------------------------------|
| ▶ 18 AWG (≈ 56/34) • 1.00 mm² | | | | | |
| 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