

SABIX® Lift

Lift control cable with sisal cord as suspension unit

with improved fire performance



Marking for SABIX® Lift 53902410:
SAB BRÜCKSKES · 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®
Colour code:	black cores with consecutive numbers acc. to EN 50334 + VDE 0293-334 and a green-yellow earth wire
Strain relief:	sisal cord
Stranding:	sisal cord as core, optimized twisting of the conductors in layers
Wrapping:	non-woven tape on each layer with overlap wrapping
Torsion protecting:	special braid
Sheath material:	thermoplastic special elastomer
Sheath colour:	black (RAL 9005)

Technical data:

Nominal voltage:	U ₀ /U 300/500 V
Testing voltage:	conductor/conductor 2000 V
Min. bending radius:	15 x d
Temperature range	
<i>fixed laying:</i>	-40/+90 °C
<i>flexible application:</i>	-30/+90 °C
Halogen-free:	acc. to IEC 60754-1 + VDE 0482-754-1
Fire performance:	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 N „Technical Data“
Suspended height:	up to 60 m
Absence of harmful substances:	acc. to RoHS directive of the European Union see chapter N „Technical Data“

Outstanding features:



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

item no.	no. of cores x cross section n x mm ²	medium outer-ø ø mm	copper figure kg/km	cable weight ≈ kg/km	ohmic resistance at 20 °C max. Ω/km
53900710	5 x 1,00	10,7	48,0	132	19,5
53900710	7 x 1,00	11,2	67,2	160	19,5
53900910	9 x 1,00	12,4	86,4	199	19,5
53901210	12 x 1,00	14,4	115,2	261	19,5
53901810	18 x 1,00	19,9	172,8	421	19,5
53902410	24 x 1,00	19,9	230,4	491	19,5
53903010	30 x 1,00	20,9	288,0	581	19,5

Other dimensions and colours are possible on request.



Possible on request:

- with total copper braiding
- with different conductor and sheath colours

- Please pay attention to the installation instructions in chapter N „Technical Data“
- You will find a life cycle test SABIX® Lift in chapter N „Technical Data“