

Lift cables

SABIX® Lift ST

Lift control cable with steel center as suspension unit

highest hanging lengths



marking example:

SAB BRÜCKSKES · D-VIERSEN · SABIX® Lift ST 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:	steel rope in the center
Stranding:	steel rope as core, optimized twisting of 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:	core/core 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 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 200 m
Absence of harmful substances:	acc. to RoHS directive of the European Union, see chapter N „Technical data“

Outstanding features:

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

Possible on request:

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

item no.	no. of cores x cross section	medium outer-ø	copper figure	cable weight	ohmic resistance at 20 °C max. Ω/km
	n x mm ²	ø mm	kg/km	≈ kg/km	
53912410	5 x 1,00	8,7	48,0	115	19,5
53910710	7 x 1,00	9,8	67,2	153	19,5
53910910	9 x 1,00	11,5	86,4	246	19,5
53911210	12 x 1,00	14,0	115,2	338	19,5
53911810	18 x 1,00	16,6	172,8	415	19,5
53912410	24 x 1,00	16,8	230,4	494	19,5
53913010	30 x 1,00	19,8	288,0	673	19,5

Other dimensions and colours are possible on request.

- » 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“