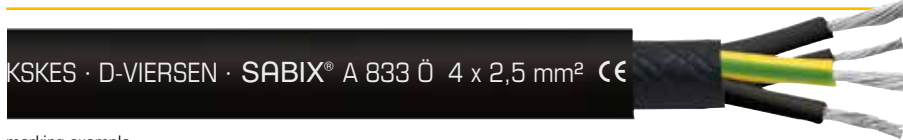


# Hybrid and Special Cables

## SABIX® A 883 Ö

twisting and torsion connection cable



KSKES · D-VIERSEN · SABIX® A 883 Ö 4 x 2,5 mm² CE

marking example:

SAB BRÜCKSKES · D-VIERSEN · SABIX® A 883 Ö 4 x 2,5 mm² CE

**Application:** For the use in rail vehicles, e. g. bogies and boxes.

### Construction:

<b>Conductor:</b>	tinned copper strands, acc. to IEC 60228, VDE 0295, class 6
<b>Insulation:</b>	TPE
<b>Colour code:</b>	black cores with consecutive numbers acc. to EN 50334 + VDE 0293-334, green-yellow earth wire from 3 cores
<b>Stranding:</b>	in layers
<b>Inner sheath:</b>	SABIX®
<b>Sheath material:</b>	PUR, TMPU acc. to EN 50363-10-2 + VDE 0207-363-10-2
<b>Sheath colour:</b>	black (RAL 9005)

### Technical data:

<b>Nominal voltage:</b>	U <sub>0</sub> /U 300/500 V
<b>Testing voltage:</b>	core/core 2000 V
<b>Min. bending radius</b>	
<i>fixed laying:</i>	4 x d
<i>flexible application:</i>	6 x d
<b>Temperature range</b>	
<i>fixed laying:</i>	-50/+85 °C
<i>flexible application:</i>	-40/+85 °C
<b>Torsion angle:</b>	± 15°
<b>Halogen-free:</b>	acc. to 60754-1 + VDE 0482-754-1
<b>Fire performance:</b>	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2
<b>Oil resistance:</b>	very good - PUR, TMPU acc. to EN 50363-10-2 + DIN VDE 0207-363-10-2
<b>UV resistance:</b>	good
<b>Ozone resistance:</b>	good
<b>Weather resistance:</b>	good
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union, see chapter N „Technical data“

item no.	no. of cores x cross section n x mm <sup>2</sup>	largest single wire ø mm	outer-ø ± 10% mm	copper figure kg/km	cable weight ≈ kg/km
08830215	2 x 1,50	0,16	8,1	28,8	92
08830315	3 x 1,50	0,16	8,4	43,2	107
08830415	4 x 1,50	0,16	9,0	57,6	128
08830715	7 x 1,50	0,16	10,4	100,8	189
08831815	18 x 1,50	0,16	15,2	259,2	417
08830325	3 x 2,50	0,16	9,7	75,5	158
08830425	4 x 2,50	0,16	10,5	100,6	192
08830525	5 x 2,50	0,16	11,5	125,8	233
08830725	7 x 2,50	0,16	12,2	176,1	291
08830540	5 x 4,00	0,16	13,6	192,0	335

Other dimensions and colours are possible on request.

Also possible  
without earth wire!