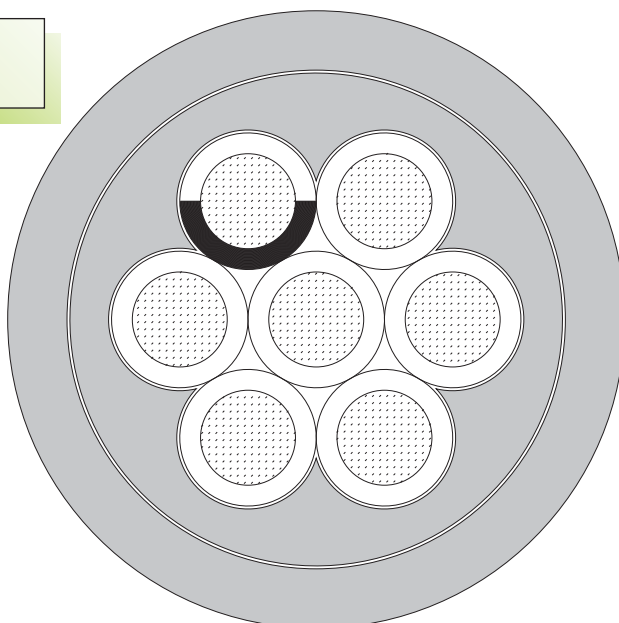


HYBRID TORSION CABLES

SABIX® A 883 Twisting and torsional connection cable



**Especially for use
in rail vehicles,
e. g. bogies and boxes**



Marking for SABIX® A 883 08830715:
SAB BRÖCKSKES · D-VIERSEN ·
SABIX® A 883 Ö 7 x 1,5 mm² CE

SABIX® A 883 is a halogen free special made cable for use in transportation vehicles and locomotives. The special PUR outer jacket and the TPE conductors are used where combined twisting and bending stress occur within railcars and boxes. This cable is also available without a green/yellow ground conductor.

Construction:

Conductor:	tinned copper strands acc. to IEC 60228, EN 60228, VDE 0295, class 6
Insulation:	TPE
Color code:	black conductors with consecutive numbers acc. to EN 50334; green-yellow earth wire from 3 conductors
Stranding:	in layers
Inner jacket:	SABIX®
Jacket material:	PUR
Jacket color:	black

Outstanding features:

- ▶ for the use in rail vehicles, e. g. bogies and boxes
- ▶ also without earth wire possible

Technical data:

Nominal voltage:	U ₀ /U 300/500 V
A.C. testing voltage:	conductor/conductor 2000 V
Min. bending radius	
<i>fixed installation:</i>	4 x O.D.
<i>free movement:</i>	6 x O.D.
Temperature range	
<i>static:</i>	-50/+85 °C
<i>flexing:</i>	-40/+85 °C
Torsion angle:	± 15°
Zero halogen:	acc. to DIN VDE 0472 part 815 and IEC 60754-1
Burning characteristics:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 and EN 60332-1-2
UV resistance:	good
Ozone resistance:	good
Oil resistance:	good
Weather resistance:	good
Absence of harmful substances:	acc. to RoHS directive of the European Union see page N/28

item no.	no. of conductors incl. ground	nominal outer-ø inch	nominal outer-ø mm	cable weight ≈ lbs/mft
▶ 16 AWG (≈ 84/34) • 1.50 mm ²				
08830215	2	0.319	8.1	62
08820315	3	0.331	8.4	72
08830415	4	0.354	9.0	86
08830715	7	0.409	10.4	127
08831815	18	0.598	15.2	280

item no.	no. of conductors incl. ground	nominal outer-ø inch	nominal outer-ø mm	cable weight ≈ lbs/mft
▶ 14 AWG (≈ 140/34) • 2.50 mm ²				
08830325	3	0.382	9.7	106
08830425	4	0.413	10.5	129
08830525	5	0.453	11.5	157
08830725	7	0.480	12.2	196

item no.	no. of conductors incl. ground	nominal outer-ø inch	nominal outer-ø mm	cable weight ≈ lbs/mft
▶ 12 AWG (≈ 224/34) • 4.00 mm ²				
08830540	5	0.535	13.6	225
Other dimensions and colors are possible on request.				

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Web site: www.sabcable.com