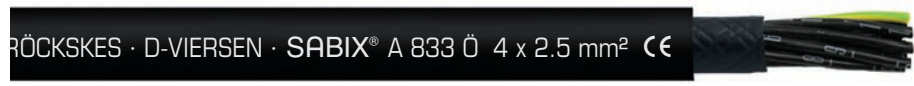
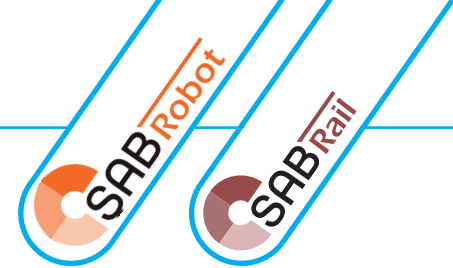


Cables for Railway

SABIX® A 833 Ö

Twisting and torsional connection cable



Marking for SABIX® A 833 Ö 8830425:

SAB BRÖCKSKES · D-VIERSEN · SABIX® A 833 Ö 4 x 2.5 mm² CE

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

Construction:

Conductor:	tinned copper strands, acc. to IEC 60228, VDE 0295, class 6
Insulation:	TPE
Color code:	black conductors with consecutive numbers acc. to EN 50334 + VDE 0293-334, green/yellow ground from 3 conductors
Stranding:	in layers
Inner jacket:	SABIX®
Jacket material:	PUR, TMPU acc. to EN 50363-10-2 + VDE 0207-363-10-2
Jacket color:	black (RAL 9005)

Outstanding features:

- weather resistant
- UV and ozone resistant
- Fire performance: flame retardant and self-extinguishing acc. to IEC 60332-1-2 + EN 60332-1-2
- oil resistant

Technical data:

Nominal voltage:	U ₀ /U 300/500 V
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>flexible:</i>	-40/+85°C
Torsion angle:	± 15°
Halogen-free:	acc. to IEC 60754-1 + VDE 0482-754-1
Burning characteristics:	Flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2
Oil resistance:	very good - PUR, TMPU acc. to EN 50363-10-2 + DIN VDE 0207-363-10-2
UV resistance:	good
Ozone resistance:	good
Weather resistance:	good
Absence of harmful substances:	acc. to RoHS directive of the European Union see page O/30

item no.	no. of conductors incl. ground	outer-ø		cable weight ≈lbs/mft
		inch ±5%	mm ±5%	
▶ 18 AWG • 1.0 mm²				
8830215	2	0.319	8.1	62
8830315	3	0.331	8.4	72
8830415	4	0.354	9.0	86
8830715	7	0.409	10.4	127
8831815	18	0.598	15.2	280
▶ 16 AWG • 1.5 mm²				
8830325	3	0.382	9.7	106
8830425	4	0.413	10.5	129
8830525	5	0.453	11.5	157
8830725	7	0.480	12.2	196
▶ 12 AWG • 4 mm²				
8830540	5	0.535	13.6	225

Other dimensions and colors are available on request



Also possible without green/yellow ground