

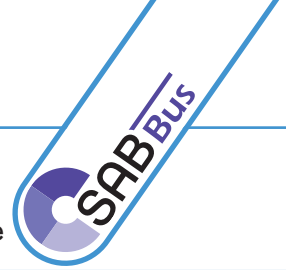
# CAN-Bus Cables acc. to ISO 11898

**S CB 626** CAN-Bus cable for cable tracks  
Halogen-free CAN-Bus cable

**S CB 625** for cable tracks

**SABIX® CB 620** Halogen-free CAN-BUS cable

**SABIX® CB 620 FRNC** Halogen-free, flame retardant CAN-BUS cable



SKES · D-VIERSEN · S CB 620 2x0,25mm2 CE



Marking for S CB 620 FRNC 66202251:

SAB BRÖCKSKES · D-VIERSEN · S CB 620 FRNC 2x0,25mm2 C

<b>Construction:</b>	<b>S CB 626</b>	<b>S CB 625</b>	<b>SABIX® CB 620</b>	<b>SABIX® CB 620 FRNC</b>
<b>Item numbers:</b>	6262251	6252251	56202251	66202251
<b>Dimensions:</b>	2 x 0.25 mm <sup>2</sup>	2 x 0.25 mm <sup>2</sup>	2 x 0.25 mm <sup>2</sup>	2 x 0.25 mm <sup>2</sup>
<b>Conductor:</b>	bare copper strands, fine wires		bare copper strands acc. to VDE 0812	
<b>Insulation:</b>	FEP	TPE-E	SABIX®	SABIX®
<b>Color code:</b>	acc. to DIN 47100	acc. to DIN 47100	acc. to DIN 47100	acc. to DIN 47100
<b>Wrapping:</b>	non-woven tape	woven tape	PETP foil	PETP foil
<b>Shielding:</b>	tinned copper braiding	tinned copper braiding	tinned copper braiding	tinned copper braiding
<b>Wrapping:</b>	non-woven tape	non-woven tape	—	—
<b>Jacket material:</b>	PUR, TMPU acc. to EN 50363-10-2 with rough surface		SABIX®	SABIX®
<b>Jacket color:</b>	red lilac (RAL 4001)	red lilac (RAL 4001)	red lilac (RAL 4001)	red lilac (RAL 4001)

<b>Technical data:</b>	<b>S CB 626</b>	<b>S CB 625</b>	<b>SABIX® CB 620</b>	<b>SABIX® CB 620 FRNC</b>
<b>Peak operating voltage:</b>	max. 350 V	max. 350 V	max. 350 V	max. 350 V
<b>Testing voltage:</b>				
conductor/conductor:	1500 V	1500 V	1500 V	1000 V
conductor/shielding:	1200 V	1200 V	1200 V	1000 V
<b>Min. bending radius:</b>	7.5 x O.D.	7.5 x O.D.	7.5 x O.D.	7.5 x O.D.
<b>Radiation resistance:</b>	5 x 10 <sup>6</sup> cJ/kg	1 x 10 <sup>7</sup> cJ/kg	—	—
<b>Temperature range:</b>				
static:	-50/+90°C	-50/+90°C	-50/+90°C	-40/+85°C
flexible:	-40/+90°C	-40/+90°C	-40/+90°C	-30/+85°C
<b>Halogen-free:</b>	—	acc. to IEC 60754-1 + EN 0482-754-1	acc. to IEC 60754-1 + EN 0482-754-1	acc. to IEC 60754-1 + EN 0482-754-1
<b>Burning characteristics:</b>	—	—	—	no flame propagation acc. to IEC 60332-3-24 + IEC 60332-3-25 Cat C resp.D
<b>Corrosiveness of conflagration gases:</b>	—	—	in compliance with IEC 60754-2 + VDE 0482-754-2 - no development of corrosive conflagration gases	
<b>Smoke density:</b>	—	—	—	acc. to IEC 61034 + VDE 0482-1034
<b>Oil resistance:</b>	very good acc. to EN 50363-10-2 + VDE 0207-363-10-2		very good acc. to EN 50363-4-1	—
<b>Chemical resistance:</b>	good against acids, alkalines, solvents, hydraulic liquids etc.		—	—
<b>Characteristic impedance:</b>	120 Ω ± (95 - 140 Ω)	120 Ω ± (95 - 140 Ω)	120 Ω ± (95 - 140 Ω)	120 Ω ± (95 - 140 Ω)
<b>Flexibility:</b>	very good	very good	very good	good
<b>Application in cable tracks:</b>	recommended	recommended	not recommended	not recommended
<b>Weather resistance:</b>	very good	very good	—	—
<b>Bending characteristics:</b>				
# of bendings acc. to VDE 0472-603 test method H	min. 250,000 single bendings	min. 500,000 single bendings	min. 60,000 single bendings	—
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union, see page O/30			

item no.	type	no. of conductors	dimensions AWG	nominal outer-ø inch	mm	cable weight ≈ lbs/mft
▶ 6262251	S CB 626	2	24 (≈ 34/38)	0.244	6.2	35
▶ 6252251	S CB 625	2	24 (≈ 34/38)	0.319	8.1	46
▶ 56202251	SABIX® CB 620	2	24 (≈ 16/34)	0.228	5.8	24
▶ 66202251	SABIX® CB 620 FRNC	2	24 (≈ 16/34)	0.228	5.8	30

Other dimensions and colors are available on request

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