

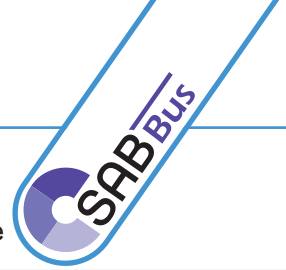
CAN-Bus Cables acc. to ISO 11898

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 CE

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

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

item no.	type	no. of conductors	dimensions AWG	outer-ø		cable weight ≈ lbs/mft
				±10% inch	±10% mm	
▶ 6262251	S CB 626	2	24 (≈ 34/38)	0.244	6.2	33
▶ 6252251	S CB 625	2	24 (≈ 34/38)	0.307	7.8	42
▶ 56202251	SABIX® CB 620	2	24 (≈ 16/34)	0.228	5.8	22
▶ 66202251	SABIX® CB 620 FRNC	2	24 (≈ 16/34)	0.224	5.7	26

Other dimensions and colors are available on request

DIN 47100 color code:
#1- white, #2- brown

J
38

