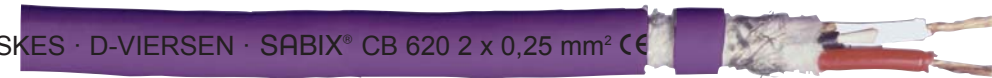


# CAN-BUS CABLES ACC. TO ISO 11898



**S CB 626** CAN-Bus cable for cable tracks  
**S CB 625** Halogen-free CAN-Bus cable for cable tracks

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



Marking for SABIX® CB 620 56202251:  
 SAB BRÖCKSKES · D-VIERSEN · SABIX® CB 620 2 x 0,25 mm² CE

CAN-Bus according to ISO 11898. The CAN-Bus cable is applied for the exchange of digital information, control apparatus net (CAN) for faster data transmission/exchange. Application in power supply cable tracks, highly flexible data cables.

item no.	type	no. of conductors	AWG	nominal outer- $\phi$ inch	mm	cable weight $\approx$ lbs/ft
▶ 06262251	S CB 626	2	24 ( $\approx$ 34/38)	0.248	6.3	37
▶ 06252251	S CB 625	2	24 ( $\approx$ 34/38)	0.319	8.1	50
▶ 56202251	SABIX® CB 620	2	24 ( $\approx$ 16/34)	0.224	5.7	24
▶ 66202251	SABIX® CB 620 FRNC	2	24 ( $\approx$ 16/34)	0.224	5.7	28

Other dimensions and colors are possible on request.

## General construction:

<b>Color code:</b>	acc. to DIN VDE 47100
<b>Screen:</b>	tinned copper braiding

## Technical data:

<b>Peak operating voltage:</b>	max. 350 V
<b>Testing voltage:</b>	1500 V
<b>Min. bending radius:</b>	7.5 x O.D.
<b>Characteristic impedance at 1 MHz:</b>	120 $\Omega$ (95 - 140 $\Omega$ )
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union see page N/28

	S CB 626	S CB 625	SABIX® CB 620	SABIX® CB 620 FRNC
▶ <b>Conductor:</b>	bare copper strands extra fine wires	bare copper strands extra fine wires	bare copper strands acc. to DIN VDE 0812	bare copper strands acc. to DIN VDE 0812
▶ <b>Insulation:</b>	FEP	TPE-E	SABIX® 336	SABIX® 336
▶ <b>Wrapping:</b>	non-woven tape	non-woven tape	PETP foil	PETP foil
▶ <b>Wrapping:</b>	non-woven tape	non-woven tape	–	–
▶ <b>Outer jacket (purple):</b>	PUR, TMPU acc. to DIN VDE 0282 part 10 with rough surface	PUR, TMPU acc. to DIN VDE 0282 part 10 with rough surface	SABIX® 322	SABIX® 230
▶ <b>Radiation resistance:</b>	5 x 10 <sup>7</sup> cJ/kg	5 x 10 <sup>7</sup> cJ/kg	5 x 10 <sup>6</sup> cJ/kg	–
▶ <b>Temperature range</b> <i>static:</i> <i>flexing:</i>	-50/+90°C -40/+90°C	-50/+90°C -40/+90°C	-50/+90°C -40/+90°C	-40/+85°C -30/+85°C
▶ <b>Zero halogen:</b>	–	acc. to DIN VDE 0472 part 815 + IEC60754-1	acc. to DIN VDE 0472 part 815 + IEC60754-1	acc. to DIN VDE 0472 part 815 + IEC60754-1
▶ <b>Burning characteristics:</b> flame retardant and self-extinguishing acc. to IEC 60332-1-2 and EN 60332-1-2	–	–	–	X
▶ <b>Corrosivity:</b> in compliance with IEC 60754-2 and EN 50267-2-2 + VDE 0482 part 267-2-2 - no development of corrosive conflagration gases	–	X	X	X
▶ <b>Smoke density:</b>	–	–	low	acc. to IEC 61034 and EN 61034
▶ <b>Oil resistance:</b>	very good - TMPU acc. to DIN VDE 0282 part 10	very good - TMPU acc. to DIN VDE 0282 part 10	very good - TM5 acc. to DIN VDE 0281 part 1	–
▶ <b>Flexibility:</b>	very good	very good	very good	good
▶ <b>Application in cable tracks:</b>	recommended	recommended	not recommended	not recommended
▶ <b>Chemical resistance:</b> good against acids, alkalines, solvents, hydraulic liquids etc.	X	X	–	–
▶ <b>Weather resistance:</b>	very good	very good	good	good
▶ <b>Bending characteristics:</b> number of bends acc. to. DIN VDE 0472 part 603 test method H	min. 250.000 single bendings	min. 500.000 single bendings	min. 60.000 single bendings	–