

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-ø inch	mm	cable weight ≈ lbs/mft
▶ 06262251	S CB 626	2	24 (34/38)	0.248	6.3	37
▶ 06252251	S CB 625	2	24 (34/38)	0.319	8.1	50
▶ 56202251	SABIX® CB 620	2	24 (15/34)	0.224	5.7	24
▶ 66202251	SABIX® CB 620 FRNC	2	24 (15/34)	0.224	5.7	28

Other dimensions and colors are possible on request.

General construction:

Color code: acc. to DIN VDE 47100
Screen: tinned copper braiding

Technical data:

Peak operating voltage: max. 350 V
Testing voltage: 1500 V
Min. bending radius: 7.5 x O.D.
Characteristic impedance at 1 MHz: 120 Ω (95 - 140 Ω)
Absence of harmful substances: acc. to RoHS-guideline 2002/95/EG as well as GefStoffV appendix IV-no. 24, see page N/25

	S CB 626	S CB 625	SABIX® CB 620	SABIX® CB 620 FRNC
▶ Conductor:	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
▶ Insulation:	FEP	TPE-E	SABIX® 336	SABIX® 336
▶ Wrapping:	non-woven tape	non-woven tape	PETP foil	PETP foil
▶ Wrapping:	non-woven tape	non-woven tape	–	–
▶ Outer jacket (purple):	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
▶ Radiation resistance:	5 x 10 ⁷ cJ/kg	5 x 10 ⁷ cJ/kg	5 x 10 ⁶ cJ/kg	–
▶ Temperature range <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
▶ Zero halogen:	–	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
▶ Burning characteristics: flame retardant and self-extinguishing acc. to IEC 60332-1-2 and EN 60332-1-2	–	–	–	X
▶ Corrosivity: 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
▶ Smoke density:	–	–	low	acc. to IEC 61034 and EN 61034
▶ Oil resistance:	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	–
▶ Flexibility:	very good	very good	very good	good
▶ Application in cable tracks:	recommended	recommended	not recommended	not recommended
▶ Chemical resistance: good against acids, alkalines, solvents, hydraulic liquids etc.	X	X	–	–
▶ Weather resistance:	very good	very good	good	good
▶ Bending characteristics: 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	–