

CAN-Bus Cables acc. to ISO 11898

S CB 626 CAN-Bus cable for cable tracks

SABIX® CB 620 halogen-free CAN-Bus cable

SABIX® CB 624 FRNC C1 halogen-free, flame retardant CAN-Bus cable acc. to NF C 32-070 C1

S CB 625 halogen-free CAN-Bus cable for cable tracks

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



BRÜCKSKES · D-VIERSEN · S CB 626 2x0,25mm² CE



Marking for S CB 626 FRNC 06262251:

SAB BRÜCKSKES · D-VIERSEN · S CB 626 2x0,25mm² CE

Construction:	S CB 626	S CB 625	SABIX® CB 620	SABIX® CB 620 FRNC	SABIX® CB 624 FRNC C1
Dimension:	2 x 0,25 mm²				2 x 2 x 0,25 mm², 1 x 2 x 0,34 mm², 2 x 2 x 0,50 mm²
Conductor:	bare copper strands, fine wires		bare copper strands acc. to VDE 0812		
Insulation:	FEP	TPE-E	SABIX®		
Colour code:	acc. to DIN 47100				
Wrapping:	non-woven tape	netting tape	PETP foil	non-woven tape	
Screen:	tinned copper braiding				
Wrapping:	non-woven tape		---		
Sheath material:	PUR, TPU acc. to EN 50363-10-2 with rough surface		SABIX®		
Sheath colour:	redlilac (RAL 4001)				

Technical data:	S CB 626	S CB 625	SABIX® CB 620	SABIX® CB 620 FRNC	SABIX® CB 624 FRNC C1
Item number:	0626-2251	0625-2251	5620-2251	6620-2251	6624-2251 6624-2341 6624-4501
Peak operating voltage:	max. 350 V				
Testing voltage	1500 V		1000 V		1500 V
core/core:	1200 V		1000 V		1200 V
core/screen:					
Min. bending radius:	7,5 x d				
Radiation resistance:	5 x 10 ⁶ cJ/kg	1 x 10 ⁷ cJ/kg	---		
Temperature range					
fixed laying:	-50/+90 °C		-40/+85 °C		-30/+90 °C
flexible application:	-40/+90 °C		-30/+85 °C		-20/+90 °C
Halogen-free:	acc. to IEC 60754-1 + VDE 0482-754-1				
Fire performance:	---		no flame propagation acc. to IEC 60332-3-24 + IEC 60332-3-25 Cat. C resp. D, see chapter N „Technical data“		
Fire performance:	---				NF C 32-070 C1
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)				
Flexibility:	very good			good	
Application in cable tracks:	recommended			not recommended	
Weather resistance:	very good				
Bending characteristics:	min. 250.000 single bendings		min. 500.000 single bendings		min. 60.000 single bendings
number of bendings acc. to VDE 0472-603 test methode H					
Absence of harmful substances:	acc. to RoHS directive of the European Union, see chapter N „Technical data“				

item no.	type	dimension	outer-ø ± 5%	copper figure kg/km	cable weight ≈kg/km
06262251	S CB 626	2 x 0,25 mm²	6,2	20,8	52
06252251	S CB 625	2 x 0,25 mm²	8,1	25,3	68
56202251	SABIX® CB 620	2 x 0,25 mm²	5,8	19,0	35
66202251	SABIX® CB 620 FRNC	2 x 0,25 mm²	5,8	19,0	44
66242251	SABIX® CB 624 FRNC C1	2 x 2 x 0,25 mm²	9,0	42,7	100
66242341	SABIX® CB 624 FRNC C1	1 x 2 x 0,34 mm²	7,7	31,0	77
66244501	SABIX® CB 624 FRNC C1	2 x 2 x 0,50 mm²	11,4	82,6	160

Other dimensions and colours are possible on request.