SABIX® CB 624 FRNC C1

halogen-free, flame retardant CAN-Bus cable acc. to NF C 32-070 C1



marking example:
SAB BRÖCKSKES · D-VIERSEN · SABIX® CB 624 FRNC C1 2x2x0,50mm²

Construction:

Conductor:	bare copper strands acc. to VDE 0812
Insulation:	SABIX®
Colour code:	acc. to DIN 47100
Wrapping:	Non-woven tape
Screen:	tinned copper braiding
Sheath material:	SABIX®
Sheath colour:	redlilac (RAL 4001)

Outstanding features:

- halogen-free
- no flame propagation
- fast data transfer
- NF C 32-070 C1
- PFAS free

Technical data:

Peak operating voltage:	max. 350 V
Testing voltage:	core/core 1500 V core/screen 1200 V
Min. bending radius:	7,5 x d
Temperature range *fixed laying:* *flexible application:*	 -30/+90 °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“. 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
Characteristic impedance:	120 Ω (95 - 140 Ω)
Flexibility:	good
Application in cable tracks:	not recommended
Absence of harmful substances:	acc. to RoHS directive of the European Union, see chapter N „Technical data“

item no.	type	dimension	outer-ø ± 10% mm	copper figure kg/km	cable weight ≈ kg/km
66242251	SABIX® CB 624 FRNC C1	2 x 2 x 0,25 mm²	9,0	42,7	94
66242341	SABIX® CB 624 FRNC C1	1 x 2 x 0,34 mm²	7,7	31,0	73
66244501	SABIX® CB 624 FRNC C1	2 x 2 x 0,50 mm²	11,4	82,6	153

Other dimensions and colours are possible on request.