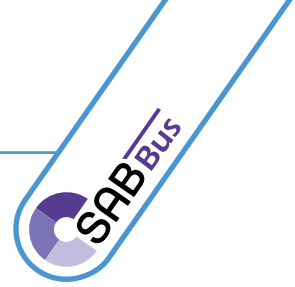


CAN-Bus cables acc. to ISO 11898

DR CB 689 P Highflex

reeling PUR CAN-Bus cable



marking example:

SAB BRÖCKSKES · D-VIERSEN · DR CB 689 P Highflex 2x2x0,50mm² 0689-9005 CE

Construction:

Conductor:	bare copper strands
Insulation:	PE
Colour code:	acc. to DIN 47100
Stranding:	twisted to pairs and pairs together
Wrapping:	non-woven tape
Screen:	tinned copper braiding
Sheath material:	PUR / supporting braid / PUR
Sheath colour:	black (similar RAL 9005)

Outstanding features:

- » halogen-free
- » very good oil resistance
- » reeling cable
- » PFAS free

Technical data:

Peak operating voltage:	max. 350 V
Testing voltage:	core/core 1500 V core/screen 1200 V
Min. bending radius or laying and installation (fixed laying):	5 x d
for repeated winding action (flexible):	7,5 x d
guided on pulleys (flexible):	10 x d
Temperature range fixed laying:	-40/+70 °C
flexible application:	-40/+70 °C
Halogen-free:	acc. to IEC 60754-1 + VDE 0482-754-1
Oil resistance:	TMPU acc. to EN 50363-10-2 + VDE 0207-363-10-2
Characteristic impedance:	120 Ω (95 - 140 Ω)
Absence of harmful substances:	acc. to RoHS directive of the European Union, see chapter N „Technical data“

item no.	type	dimension	outer- \varnothing $\pm 10\%$ mm	copper figure kg/km	cable weight \approx kg/km	ohmic resistance at 20°C acc. to VDE 0812 max. Ω/km	tensile strength max. N
06899005	DR CB 689 P Highflex	2 x 2 x 0,50 mm ²	12,8	48,8	175	39,0	200

Other dimensions and colours are possible on request.