

CAN-Bus Cables acc. to ISO 11898

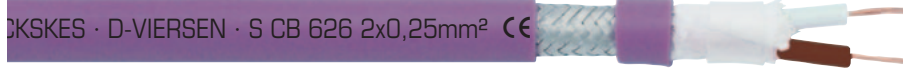
S CB 626 CAN-Bus cable for cable tracks

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



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 mm ² | | | | 2 x 2 x 0,25 mm ² , 1 x 2 x 0,34 mm ² , 2 x 2 x 0,50 mm ² |
| 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 | | 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: | redilac (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 core/core: core/screen: | 1500 V 1200 V | | 1000 V 1000 V | | 1500 V 1200 V |
| 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: flexible application: | -50/+90 °C -40/+90 °C | | -40/+85 °C -30/+85 °C | | -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“ | |
| 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: number of bendings acc. to VDE 0472-603 test methode H | min. 250.000 single bendings | min. 500.000 single bendings | min. 60.000 single bendings | --- | |
| 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 mm ² | 6,2 | 20,8 | 49 |
| 06252251 | S CB 625 | 2 x 0,25 mm ² | 7,8 | 24,6 | 62 |
| 56202251 | SABIX® CB 620 | 2 x 0,25 mm ² | 5,8 | 18,7 | 33 |
| 66202251 | SABIX® CB 620 FRNC | 2 x 0,25 mm ² | 5,7 | 18,7 | 39 |
| 66242251 | SABIX® CB 624 FRNC C1 | 2 x 2 x 0,25 mm ² | 9,0 | 42,7 | 94 |
| 66242341 | SABIX® CB 624 FRNC C1 | 1 x 2 x 0,34 mm ² | 7,7 | 31,0 | 73 |
| 66244501 | SABIX® CB 624 FRNC C1 | 2 x 2 x 0,50 mm ² | 11,4 | 82,6 | 153 |

Other dimensions and colours are possible on request.