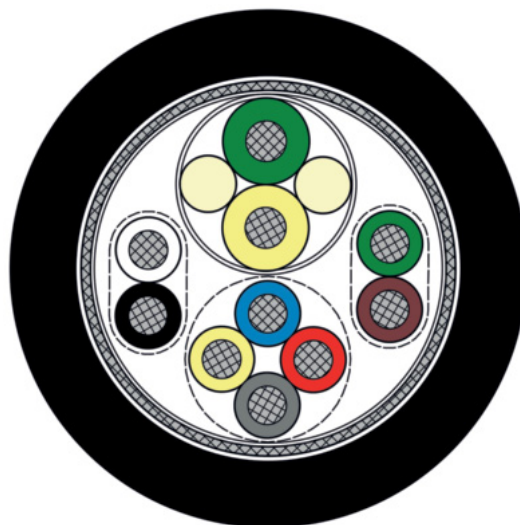


Hybrid and Special Cables

Example: CAN-Bus cable

halogen-free combined cable with overall copper screen



Construction:

Conductor:	tinned copper strands, fine wires with reference to VDE 0812
Insulation:	SABIX® thermoplastic material and 02Y11 acc. to EN 50290-2-23 + VDE 0819-103 (for 2 x 0.50 mm ²)
Stranding:	pairs and quads twisted together in layers
Screen:	tinned copper braiding, optical coverage ≥ 85%
Sheath material:	SABIX® thermoplastic material
Sheath colour:	black (RAL 9005)
Marking:	SAB BRÖCKSKES · D-VIERSEN · SO. SABIX® CAN-BUS-LEITUNG

Technical Data:

Peak operating voltage:	max. 450 V
Testing voltage:	core/core 1000 V (DC) core/screen 1500 V (DC)
Min. bending radius <i>flexible application:</i>	10 x d
Temperature range <i>fixed laying:</i> <i>flexible application:</i>	-40/+70 °C -30/+70 °C
Halogen-free:	acc. to IEC 60754-1 + VDE 0482-754-1
Fire performance:	no flame propagation nach IEC 60332-3-24 + VDE 0482-332-3-24 resp. IEC 60332-3-25 + VDE 0482-332-3-25 cat. C resp. D, see chapter N „Technical data“. Flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2
Characteristic impedance:	acc. to EN 50289-1-11 nom. 120 Ω (CAN-Bus)
Oil resistance:	acc. to EN 60811-507 section 10 + VDE 0473-811-507 section 10
Absence of harmful substances:	acc. to RoHS directive of the European Union, see chapter N „Technical data“

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item no.	dimension	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈ kg/km
63359002	2 x 2 x 0,50 mm ² + 4 x 0,50 mm ² + 2 x 0,50 mm ²	11,0	79,6	160