Besilen® - Silicone Cables

BiAF/YW

low-voltage connection cable for halogen lamps



RoHS PFAS FREE

marking example:
SAB BRÖCKSKES · D-VIERSEN · BIAF/YW 2x1,5mm²

Construction:

Conductor:	bare copper strands acc. to IEC 60228, VDE 0295, class 5
Insulation:	Besilen® EI2 acc. to EN 50363-1 + VDE 0207-363-1
Colour code:	blue, red
Stranding:	2 cores parallel
Sheath material:	PVC, TM4 acc. to EN 50363-4-1 + VDE 0207-363-4-1
Steath colour:	black (similar RAL 9005)
Shape:	flat

Outstanding features:

- due to silicone core insulation suitable for temperatures up to 180°C at conductors
- heat resistant PVC outer sheath for ambient temperatures up to 105°C for short-time use
- due to flat construction space-saving
- simplified connecting possibilities
- no wiring with single conductors
- PFAS free

Technical data:

Nominal voltage:	24 V
Testing voltage:	core/core 600 V
Min. bending radius:	7.5 x d
Radiation resistance:	8 x 10^7 cJ/kg
Temperature range *fixed laying:* *flexible application:* *short-time use:* *at the conductor:*	 -40/+90 °C +5/+90 °C +105 °C +180 °C
Fire performance:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2
Chem. resistance:	see chapter N „Technical data“
Absence of harmful substances:	acc. to RoHS directive of the European Union, see chapter N „Technical data“

item no.	no. of cores x cross section mm²	largest single wire ø mm	dimension mm x mm	copper figure kg/km	cable weight ≈ kg/km
01352151	2 x 1,50	0,26	5,8 x 3,5	28,8	44
01352251	2 x 2,50	0,26	6,8 x 4,0	48,0	66
01352401	2 x 4,00	0,31	7,8 x 4,4	76,8	96

Other dimensions and colours are possible on request.