

## BiAF/YW low-voltage connection cable for halogen lamps



Marking for BiAF/YW 01352151:  
SAB BRÖCKSKES · D-VIERSEN · BIAF/YW

### Construction:

<b>Conductor:</b>	bare copper strands acc. to IEC 60228, EN 60228, VDE 0295, class 5
<b>Insulation:</b>	Besilen® EI2 acc. to DIN EN 50363-1
<b>Colour code:</b>	blue, red
<b>Stranding:</b>	2 cores parallel
<b>Sheath material:</b>	PVC, TM3 acc. to DIN EN 50363-4-1
<b>Sheath colour:</b>	black (similar RAL 9005)
<b>Shape:</b>	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

### Technical data:

<b>Nominal voltage:</b>	24 V
<b>Testing voltage U:</b>	500 V
<b>Min. bending radius:</b>	7,5 x d
<b>Radiation resistance:</b>	8 x 10 <sup>7</sup> cJ/kg
<b>Temperature range</b>	
<i>fixed laying:</i>	-40/+90 °C
<i>flexible application:</i>	+5/+90 °C
<i>short-time use:</i>	+105 °C
<i>at the conductor:</i>	+180 °C
<b>Fire performance:</b>	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + EN 60332-1-2
<b>Chem. resistance:</b>	see page N/9
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union see page N/14

item no.	no. of s x cross section n x mm <sup>2</sup>	largest single wire ø mm	dimen- sions 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.