

# Interbus-Loop Cables

**SABIX® IBL 600 FRNC** halogen-free, flame retardant Interbus-Loop cable

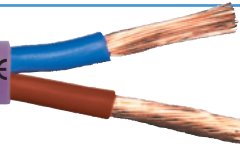
**SABIX® IBL 600** halogen-free Interbus-Loop cable

**IBL 600** PVC Interbus-Loop cable

**S IBL 605** PUR Interbus-Loop cable for cable tracks



BRÜCKSKES · D-VIERSEN · S IBL 605 2x1,5mm<sup>2</sup> CE



Marking for S IBL 605 06052853:

SAB BRÜCKSKES · D-VIERSEN · S IBL 605 2x1,5mm<sup>2</sup> CE and current meter marking

<b>Construction:</b>	SABIX® IBL 600 FRNC	IBL 600	SABIX® IBL 600	S IBL 605
<b>Dimension:</b>	2 x 1,50 mm <sup>2</sup> , 3 x 1,50 mm <sup>2</sup>			
<b>Conductor:</b>	bare copper strands with reference to IEC 60228, VDE 0295, class 5			bare copper strands with reference to IEC 60228, VDE 0295, class 6
<b>Insulation:</b>	SABIX®	PVC, TI2 acc. to EN 50363-3	SABIX®	TPE-E
<b>Colour code:</b>	coloured acc. to HD 308 (VDE 0293-308), green-yellow earth wire from 3 cores			
<b>Stranding:</b>	in layers			specialy adjusted layering with netting tape and one additional non-woven tape over the outer layer
<b>Sheath material:</b>	SABIX®	PVC, TM5 acc. to EN 50363-4-1	SABIX®	PUR, TMPU acc. to EN 50363-10-2 with rough surface
<b>Sheath colour:</b>	may green (RAL 6017)			redlilac (RAL 4001)

<b>Technical data:</b>	SABIX® IBL 600 FRNC	IBL 600	SABIX® IBL 600	S IBL 605
<b>Item number:</b>	6601-2853, 6601-3853	0600-2853, 0600-3853	5600-2853, 5600-3853	0605-2853, 0605-3853
<b>Peak operating voltage:</b>	max. 350 V			
<b>Testing voltage:</b>	core/core 1500 V			
<b>Min. bending radius:</b>	15 x d			
<b>Radiation resistance:</b>	---	8 x 10 <sup>7</sup> cJ/kg	5 x 10 <sup>6</sup> cJ/kg	5 x 10 <sup>7</sup> cJ/kg
<b>Temperature range</b> fixed laying: flexible application:	-40/+85 °C -30/+85 °C	-40/+70 °C +5/+70 °C	-50/+90 °C -40/+90 °C	
<b>Halogen-free:</b>	acc. to IEC 60754-1 + VDE 0482-754-1	---	acc. to IEC 60754-1 + EN 0482-754-1	
<b>Fire performance:</b>	no flame propagation acc. to IEC 60332-3-24 + IEC 60332-3-25 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	---	
<b>Corrosiveness of conflagration gases:</b>	in compliance with IEC 60754-2 + VDE 0482-754-2 - no development of corrosive conflagration gases	---	in compliance with IEC 60754-2 + VDE 0482-754-2 - no development of corrosive conflagration gases	---
<b>Smoke density:</b>	acc. to IEC 61034 + VDE 0482-1034	---		
<b>Oil resistance:</b>	---	very good acc. to VDE 0207-5	very good acc. to EN 50363-4-1	very good acc. to EN 50363-10-2 + VDE 0207-363-10-2
<b>Chemical resistance:</b>	---			good against acids, alkalines, solvents, hydraulic liquids etc.
<b>Characteristic impedance at 0,25 MHz - 10 MHz:</b>	for two-core cables 75 Ω ± 15%			
<b>Flexibility:</b>	good	---	very good	
<b>Application in cable tracks:</b>	not recommended			recommended
<b>Weather resistance:</b>	good	medium	good	very good
<b>Continuously flexible application:</b>	---			very good
<b>Absence of harmful substances:</b>	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
66012853	SABIX® IBL 600 FRNC	2 x 1,50 mm <sup>2</sup>	6,9	28,8	80
66013853	SABIX® IBL 600 FRNC	3 x 1,50 mm <sup>2</sup>	7,5	43,2	94
06002853	IBL 600	2 x 1,50 mm <sup>2</sup>	6,9	28,8	75
06003853	IBL 600	3 x 1,50 mm <sup>2</sup>	7,5	43,2	94
56002853	SABIX® IBL 600	2 x 1,50 mm <sup>2</sup>	6,9	28,8	59
56003853	SABIX® IBL 600	3 x 1,50 mm <sup>2</sup>	7,5	43,2	75
06052853	S IBL 605	2 x 1,50 mm <sup>2</sup>	7,7	28,8	75
06053853	S IBL 605	3 x 1,50 mm <sup>2</sup>	8,1	43,2	90

Other dimensions and colours are possible on request.

