

Interbus-Loop Cables

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

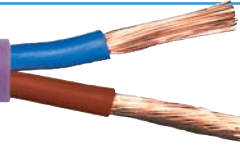
SABIX® IBL 600 halogen-free Interbus-Loop cable

IBL 600 PVC Interbus-Loop cable

S IBL 605 PUR Interbus-Loop cable for cable tracks



BRÖCKSKES · D-VIERSEN · IBL 605 2x1,5mm² CE



Marking for IBL 605 06052853:

SAB BRÖCKSKES · D-VIERSEN · IBL 605 2x1,5mm² CE and current meter marking

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

Technical data:	SABIX® IBL 600 FRNC	IBL 600	SABIX® IBL 600	S IBL 605
Item numbers:	6601-2853, 6601-3853	0600-2853, 0600-3853	5600-2853, 5600-3853	0605-2853, 0605-3853
Peak operating voltage:	max. 350 V			
Testing voltage:	core/core 1500 V			
Min. bending radius:	15 x d			
Radiation resistance:	---	8 x 10 ⁷ cJ/kg	5 x 10 ⁶ cJ/kg	5 x 10 ⁷ cJ/kg
Temperature range fixed laying: flexible application:	-40/+85 °C -30/+85 °C	-40/+70 °C +5/+70 °C	-50/+90 °C -40/+90 °C	
Halogen-free:	acc. to IEC 60754-1 + VDE 0482-754-1	---	acc. to IEC 60754-1 + EN 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“	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2	---	
Corrosiveness of conflagration gases:	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	---
Smoke density:	acc. to IEC 61034 + VDE 0482-1034	---		
Oil resistance:	---	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
Chemical resistance:	---			good against acids, alkalines, solvents, hydraulic liquids etc.
Characteristic impedance at 0,25 MHz - 10 MHz:	for two-core cables 75 Ω ± 15%			
Flexibility:	good	---	very good	
Application in cable tracks:	not recommended			recommended
Weather resistance:	good	medium	good	very good
Continuously flexible application:	---			very good
Absence of harmful substances:	acc. to RoHS directive of the European Union, see chapter N „Technical Data“			

item no.	type	no. of cores mm ² each conductor	outer-ø ± 5%	copper figure kg/km	cable weight ≈kg/km
66012853	SABIX® IBL 600 FRNC	2 x 1,50	6,9	28,8	80
66013853	SABIX® IBL 600 FRNC	3 x 1,50	7,5	43,2	94
06002853	IBL 600	2 x 1,50	6,9	28,8	75
06003853	IBL 600	3 x 1,50	7,5	43,2	94
56002853	SABIX® IBL 600	2 x 1,50	6,9	28,8	59
56003853	SABIX® IBL 600	3 x 1,50	7,5	43,2	75
06052853	S IBL 605	2 x 1,50	7,7	28,8	75
06053853	S IBL 605	3 x 1,50	8,1	43,2	90

Other dimensions and colours are possible on request.

