

HALOGEN-FREE CABLES



SABIX® BL 405 FRNC Flexible data cable

BL = BlueLine

Data Cable 16 x 0,5 mm² **ABS** Assessed · Lloyd's Register



Marking for SABIX® BL 405 FRNC 64051650:

SAB BRÖCKSKES · D-VIERSEN · SABIX® BL 405 FRNC · Data Cable 16 x 0,5 mm² **ABS** Assessed · Lloyd's Register

The halogen-free SABIX® BlueLine cables have been approved by GL, LR as well as ABS. Their SABIX® characteristics fulfill the highest safety-related aspects in shipbuilding with regards to both fire performance as well as being halogen-free. Data cables, type SABIX® BlueLine Data, are available with small cross sections beginning with AWG 26. This results in a small outer diameter which offers an outstanding advantage particularly where there is only little space.

Construction:

Conductor:	tinned copper strands acc. to DIN VDE 0812 resp. IEC 60228, EN 60228, VDE 0295, class 5
Insulation:	SABIX® FRNC
Color code:	with reference to DIN 47100
Stranding:	in layers
Jacket material:	SABIX® FRNC
Sheath color:	pigeon blue

Technical data:

Peak operating voltage:	max. 350 V
Testing voltage:	1500 V
Min. bending radius	
fixed laying:	5 x O. D.
flexible application:	10 x O. D.
Temperature range	
fixed laying:	-40/+90 °C
flexible application:	-30/+90 °C
Zero halogen:	acc. to EN 50267-2-1 + IEC 60754-1
Burning characteristics:	no flame propagation acc. to IEC 60332-3-22 + DIN EN 60332-3-22 cat. A. Flame retardant and self-extinguishing acc. to IEC 60332-1-2 + DIN EN 60332-1-2
Corrosiveness of conflagration gases:	in compliance with IEC 60754-2 + DIN EN 50267-2-2 - no development of corrosive conflagration gases
Smoke density:	acc. to IEC 61034 + EN 61034
Flexibility:	very good
Absence of harmful substances:	acc. to RoHS directive of the European Union see page N/28

Outstanding features:

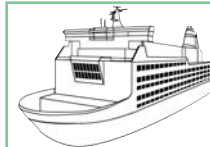
- halogen-free
- no flame propagation
- flame retardant and self-extinguishing
- flexible
- approvals:
Germanischer Lloyds
Lloyd's Register
American Bureau of Shipping

Possible on request:

- bare copper strands
- alternative color code and sheath color
for an improved uv resistance we recommend a black outer sheath



item no.	no. of conductors	nominal outer-ø inch	nominal outer-ø mm	cable weight ≈ lbs/mft	item no.	no. of conductors	nominal outer-ø inch	nominal outer-ø mm	cable weight ≈ lbs/mft	item no.	no. of conductors	nominal outer-ø inch	nominal outer-ø mm	cable weight ≈ lbs/mft
▶ 26 AWG (≈ 18/38) • 0.14 mm²					▶ 22 AWG (≈ 7/30) • 0.34 mm²					▶ 19 AWG (≈ 23/32) • 0.75 mm²				
64050214	2	0.142	3.6	12	64050234	2	0.169	4.3	19	64050275	2	0.205	5.2	29
64050314	3	0.150	3.8	14	64050334	3	0.181	4.6	22	64050375	3	0.217	5.5	35
64050414	4	0.161	4.1	16	64050434	4	0.197	5.0	26	64050475	4	0.244	6.2	44
64050514	5	0.177	4.5	19	64050534	5	0.213	5.4	32	64050575	5	0.268	6.8	53
64050614	6	0.189	4.8	22	64050634	6	0.240	6.1	39	64050675	6	0.291	7.4	62
64050714	7	0.189	4.8	24	64050734	7	0.240	6.1	41	64050775	7	0.291	7.4	67
64050814	8	0.217	5.5	28	64050834	8	0.276	7.0	49	64050875	8	0.346	8.8	85
64051214	12	0.248	6.3	38	64051234	12	0.307	7.8	64	64051275	12	0.398	10.1	112
64051614	16	0.276	7.0	47	64051634	16	0.354	9.0	87	64051675	16	0.437	11.1	142
▶ 24 AWG (≈ 14/34) • 0.25 mm²					▶ 20 AWG (≈ 16/32) • 0.50 mm²					Other dimensions and colors are possible on request.				
64050225	2	0.154	3.9	15	64050250	2	0.185	4.7	24					
64050325	3	0.161	4.1	17	64050350	3	0.197	5.0	28					
64050425	4	0.177	4.5	21	64050450	4	0.213	5.4	34					
64050525	5	0.193	4.9	25	64050550	5	0.240	6.1	43					
64050625	6	0.209	5.3	29	64050650	6	0.264	6.7	50					
64050725	7	0.209	5.3	31	64050750	7	0.264	6.7	53					
64050825	8	0.244	6.2	38	64050850	8	0.303	7.7	64					
64051225	12	0.276	7.0	50	64051250	12	0.354	9.0	89					
64051625	16	0.303	7.7	62	64051650	16	0.394	10.0	114					



especially for use in shipbuilding industry

E-mail: info@sabcable.com



Web site: www.sabcable.com