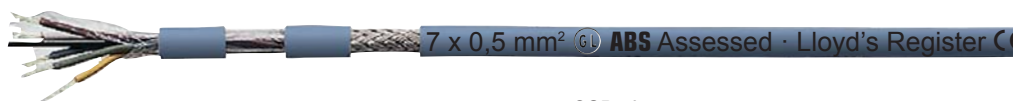


HALOGEN-FREE CABLES

SABIX® BL 415 C FRNC Flexible data cable with overall copper screen



BL = BlueLine



Marking for SABIX® BL 415 C FRNC 6415075:

SAB BRÖCKSKES · D-VIERSEN · SABIX® BL 415 C FRNC · Data Cable 7 x 0,5 mm² GL ABS Assessed · Lloyd's Register CE

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
Wrapping:	PETP foil
Screen:	tinned copper braiding
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
- ▶ good EMC characteristics*
- ▶ no flame propagation
- ▶ flame retardant and self-extinguishing
- ▶ flexible
- ▶ approvals:
Germanischer Lloyds
Lloyd's Register
American Bureau of Shipping

* Copper braiding should be connected circularly to optimize the EMC characteristics

Possible on request:

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

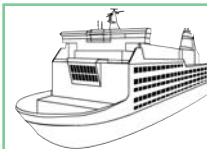


item no.	no. of conductors	nominal outer-ø inch	outer-ø mm	cable weight ≈ lbs/mft
▶ 26 AWG (≈ 18/38) • 0.14 mm²				
64150214	2	0.161	4.1	17
64150314	3	0.169	4.3	19
64150414	4	0.181	4.6	24
64150514	5	0.197	5.0	27
64150614	6	0.209	5.3	29
64150714	7	0.209	5.3	30
64150814	8	0.244	6.2	38
64151214	12	0.268	5.8	47
64151614	16	0.295	7.5	57
▶ 24 AWG (≈ 14/34) • 0.25 mm²				
64150225	2	0.173	4.4	22
64150325	3	0.181	4.6	24
64150425	4	0.197	5.0	28
64150525	5	0.213	5.4	33
64150625	6	0.228	5.8	36
64150725	7	0.228	5.8	38
64150825	8	0.264	6.7	48
64151225	12	0.295	7.5	60
64151625	16	0.339	8.6	79

item no.	no. of conductors	nominal outer-ø inch	outer-ø mm	cable weight ≈ lbs/mft
▶ 22 AWG (≈ 7/30) • 0.34 mm²				
64150234	2	0.189	4.8	25
64150334	3	0.201	5.1	28
64150434	4	0.217	5.5	34
64150534	5	0.240	6.1	41
64150634	6	0.260	6.6	48
64150734	7	0.260	6.6	50
64150834	8	0.295	7.5	59
64151234	12	0.343	8.7	81
64151634	16	0.374	9.5	100
▶ 20 AWG (≈ 16/32) • 0.50 mm²				
64150250	2	0.205	5.2	29
64150350	3	0.217	5.5	35
64150450	4	0.240	6.1	43
64150550	5	0.260	6.6	52
64150650	6	0.283	7.2	57
64150750	7	0.283	7.2	60
64150850	8	0.339	8.6	78
64151250	12	0.374	9.5	102
64151650	16	0.421	10.7	135

item no.	no. of conductors	nominal outer-ø inch	outer-ø mm	cable weight ≈ lbs/mft
▶ 19 AWG (≈ 23/32) • 0.75 mm²				
64150275	2	0.224	5.7	35
64150375	3	0.244	6.2	44
64150475	4	0.264	6.7	52
64150575	5	0.287	7.3	62
64150675	6	0.311	7.9	71
64150775	7	0.311	7.9	77
64150875	8	0.366	9.3	95
64151275	12	0.425	10.8	130
64151675	16	0.465	11.8	166

Other dimensions and colors are possible on request.



especially for use in shipbuilding industry

E-mail: info@sabcable.com



Web site: www.sabcable.com