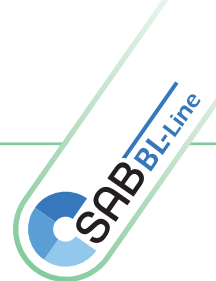


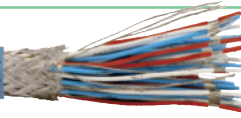
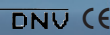
# Halogen-free Cables

## SABIX® BL 443 C FRNC TT

SABIX® BL-Line Data - flexible data cable, twisted triple with overall copper screen



TT 7 x 3 x 0,34 mm<sup>2</sup> - IEC 60332-3-22 - 300V



Marking for SABIX® BL 443 C FRNC TT 64430734:

SAB BRÖCKSKES · D-VIERSEN · SABIX® BL 443 C FRNC TT 7 x 3 x 0,34 mm<sup>2</sup> - IEC 60332-3-22 - 300V DNV CE and current meter marking

A  
50

### Construction:

<b>Conductor:</b>	tinned copper strands acc. to IEC 60228, VDE 0295, class 5
<b>Insulation:</b>	special SABIX®
<b>Colour code:</b>	≤ 0,25 mm <sup>2</sup> = DIN 47100 ≥ 0,34 mm <sup>2</sup> = white, blue, red with printed triple number
<b>Stranding:</b>	cores white, blue, red twisted to triples, triples twisted in layers
<b>Wrapping:</b>	foil
<b>Screen:</b>	tinned copper braiding
<b>Sheath material:</b>	special SABIX® SHF 1 compound acc. to IEC 60092-360
<b>Sheath colour:</b>	pigeon blue (RAL 5014)

### Outstanding features:



- halogen-free
- asbestos-free
- good EMC characteristics
- no flame propagation
- flame retardant and self-extinguishing
- flexible
- for applications  
acc. to Hong Kong Convention  
ingredients tested acc. to the requirements  
of the Hong Kong Convention (2009) of the IMO
- approvals:  
DNV

### Technical Data:

<b>Peak operating voltage:</b>	max. 300 V
<b>Testing voltage:</b>	core/core 1500 V core/screen 1200 V
<b>Min. bending radius</b>	
fixed laying:	5 x d
flexible application:	10 x d
<b>Temperature range</b>	
fixed laying:	-40/+90 °C
flexible application:	-30/+90 °C
<b>Halogen-free:</b>	acc. to IEC 60754-1 + VDE 0482-754-1
<b>Fire performance:</b>	no flame propagation acc. to IEC 60332-3-22 + VDE 0482-332-3-22 cat. A. 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
<b>Smoke density:</b>	acc. to IEC 61034 + VDE 0482-1034
<b>Flexibility:</b>	very good
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union, see chapter N „Technical data“

### Possible on request:



- bare copper strands
- alternative colour code  
and sheath colour

item no.	no. of triples x cross section n x 3 x mm <sup>2</sup>	outer-ø ± 10% mm	copper figure kg/km	cable weight ≈ kg/km
64430225	2 x 3 x 0,25	7,2	35,7	68
64430425	4 x 3 x 0,25	8,8	55,0	103
64430725	7 x 3 x 0,25	10,6	98,1	161
64431025	10 x 3 x 0,25	13,4	131,9	235
64430234	2 x 3 x 0,34	8,0	43,4	82
64430434	4 x 3 x 0,34	9,8	68,3	127
64430734	7 x 3 x 0,34	11,9	123,0	202
64431034	10 x 3 x 0,34	15,2	195,5	313
64430250	2 x 3 x 0,50	9,0	55,0	105
64430450	4 x 3 x 0,50	10,7	105,3	161
64430750	7 x 3 x 0,50	13,2	160,6	254
64431050	10 x 3 x 0,50	16,9	254,0	391
64430275	2 x 3 x 0,75	10,4	90,8	144
64430475	4 x 3 x 0,75	12,6	145,9	223
64430775	7 x 3 x 0,75	15,2	248,8	350
64431075	10 x 3 x 0,75	19,3	340,6	504

Other dimensions and colours are possible on request.