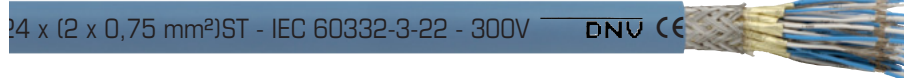
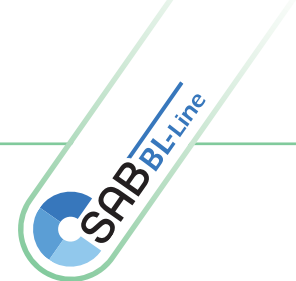


Halogen-free Cables

SABIX® BL 446 C FRNC FTP

SABIX® BL-Line Data - flexible paired data cable
with aluminum pair screen and overall copper screen



Marking for SABIX® BL 446 C FRNC FTP 64462475:

SAB BRÜCKSKES · D-VIERSEN · SABIX® BL 446 C FRNC FTP 24 x (2 x 0,75 mm²) ST - IEC 60332-3-22 - 300V DNV CE and current meter marking

A
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Construction:

Conductor:	tinned copper strands acc. to IEC 60228, VDE 0295, class 5
Insulation:	special SABIX®
Colour code:	≤ 0,25 mm² = DIN 47100 ≥ 0,34 mm² = white, blue with marking, pair number
Stranding:	cores white, blue twisted to pairs
Pairscreen:	alu foil
Stranding:	pairs together in layers
Wrapping:	foil
Screen:	tinned copper braiding
Wrapping:	foil
Sheath material:	special SABIX® SHF 1 compound acc. to IEC 60092-360
Sheath colour:	pigeon blue (RAL 5014)

Outstanding features:

- halogen-free
- asbestos-free
- good EMC characteristics
- good transmission rates and crosstalk attenuation
- 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:

Peak operating voltage:	max. 300 V
Testing voltage:	core/core 1500 V core/screen 1200 V
Min. bending radius <i>fixed laying:</i> <i>flexible application:</i>	5 x d 10 x d
Temperature range <i>fixed laying:</i> <i>flexible application:</i>	-40/+90 °C -30/+90 °C
Halogen-free:	acc. to IEC 60754-1 + VDE 0482-754-1
Fire performance:	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
Corrosiveness of 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
Flexibility:	very good
Absence of harmful substances:	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 pairs x cross section n x 2 x mm²	outer-ø ± 10% mm	copper figure kg/km	cable weight ≈ kg/km
64460225	2 x (2 x 0,25)ST	6,2	27,8	53
64460825	8 x (2 x 0,25)ST	10,1	84,5	150
64461225	12 x (2 x 0,25)ST	12,7	142,4	236
64460234	2 x (2 x 0,34)ST	7,7	41,0	73
64460434	4 x (2 x 0,34)ST	9,2	61,5	122
64460834	8 x (2 x 0,34)ST	11,4	123,2	196
64461234	12 x (2 x 0,34)ST	14,9	190,8	303
64460475	4 x (2 x 0,75)ST	11,3	124,7	182
64462475	24 x (2 x 0,75)ST	23,7	591,1	854
64461980	19 x (2 x 1,50)ST	25,1	779,7	1031

Other dimensions and colours are possible on request.