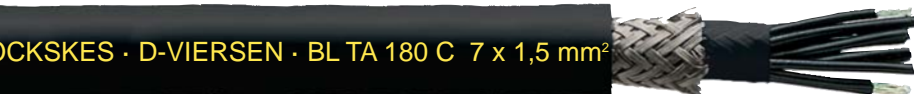


ETFE, FEP, PFA CABLES



BlueLine TA 180 C Flexible FEP-Connection cables with overall copper screen



Marking for BlueLine TA 180 C 37530715:

SAB BRÖCKSKES · D-VIERSEN · BL TA 180 C 7 x 1,5 mm² 37/11

The BlueLine TA 180 C has been developed particularly for applications in areas with extreme environmental influences. This cable is suitable for adverse conditions in engine rooms, even under extreme ambient temperatures. It is both oil and fuel resistant and has very good chemical resistances. Besides an excellent fire performance as well as rugged construction the BlueLine TA 180 C type convinces with very high flexibility and extremely good handling during installation. The screened control cable with fluorine plastic insulation is designed for example the use at control panels for ship diesel engines.

Construction:

Conductor:	tinned copper strands acc. to IEC 60228, EN 60228, VDE 0295, class 5
Insulation:	FEP
Colour code:	black conductors with consecutive numbers acc. to EN 50334, without green-yellow earth wire
Stranding:	in layers
Inner sheath:	Besilen®
Screen:	tinned copper braiding
Sheath:	FEP
Sheath colour:	black

Outstanding features:

- no flame propagation
- flame retardant and self-extinguishing
- good EMC characteristics*
- oil and fuel resistant
- good chemical resistance
- high cold and heat resistance
- approvals:
Germanischer Lloyds

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

Technical data:

Nominal voltage:	U ₀ /U 300/500 V
Testing voltage:	2000 V (AC)
Min. bending radius	
<i>fixed laying</i>	5 x O. D.
<i>flexible application:</i>	10 x O. D.
Radiation resistance:	1 x 10 ⁷ cJ/kg
Temperature range	
<i>fixed laying:</i>	-55/+180 °C
<i>flexible application:</i>	-55/+180 °C
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
Oil and fuel resistance:	very good
Flexibility:	good
Halogen-free:	not fulfilled
Absence of harmful substances:	acc. to RoHS directive of the European Union see page N/28

Possible on request:

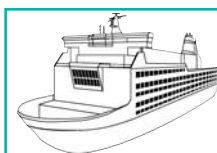
- bare copper strands
- alternative colour code and sheath colour
for an improved uv resistance we recommend a black outer sheath



item no.	no. of pairs	nominal outer-ø inch	mm	cable weight ≈ lbs/mft
▶ 19 AWG (≈ 23/32) • 0.75 mm ²				
37530207	2	0.217	5.5	39
37530307	3	0.228	5.8	46
37530507	5	0.272	6.9	67
37530607	6	0.295	7.5	78
37530707	7	0.295	7.5	82
37530807	8	0.319	8.1	93
37531207	12	0.394	10.0	136
37531607	16	0.441	11.2	176
37532007	20	0.496	12.6	224

item no.	no. of pairs	nominal outer-ø inch	mm	cable weight ≈ lbs/mft
▶ 18 AWG (≈ 30/32) • 1.00 mm ²				
37530210	2	0.224	5.7	43
▶ 16 AWG (≈ 27-29/30) • 1.50 mm ²				
37530215	2	0.252	6.4	54
37530315	3	0.264	6.7	65
37530515	5	0.315	8.0	97
37530615	6	0.346	8.8	115
37530715	7	0.346	8.8	122
37531215	12	0.465	11.8	208

Other dimensions and colors are possible on request.



especially for use in shipbuilding industry

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Web site: www.sabcable.com