



ARISTONCAVI

## TECHNICAL DATA SHEET

**DRINCABLE® 07 FL**

Date: 21/12/2017

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R&amp;D

N° 10890 - rev.00

**CABLE CONSTRUCTION**

<b>Phase Conductors</b>	
Material	Tinned copper
Construction	Class 5, acc. to IEC/TR 62602
<b>Insulation</b>	
Material	EPR based compound
Property	in compliance with: E16 quality rubber (in compliance to EN 50363-1)
<b>Sheath</b>	
Material	EPR based compound
Property	According (and approved) to: <ul style="list-style-type: none"> <li>✓ ACS</li> <li>✓ WRAS</li> <li>✓ D.M. 174/04</li> </ul>
Colour	Blue

**WORKING DATA****Electrical working data**

Nominal rated voltage $U_0 / U$	V	450/750
Maximum AC voltage	V	540/900
Maximum DC voltage	kV	1,35
Test voltage	kV	2,5

**Thermal working data**

Maximum short circuit temperature	°C	250
Maximum working temperature on the conductor	°C	90
Minimum Ambient temperature: mobile condition	°C	- 25
Minimum Ambient temperature: static condition	°C	- 40

**Mechanical working data**

Maximum tensile load	N/mm <sup>2</sup>	15
Maximum water depth	m	600
Minimum bending radius in static condition	mm	3 x (outer diameter)
Minimum bending radius in mobile condition	mm	5 x (outer diameter)



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**Chemical working data**

Ozone resistance	According to IEC 60811-403
Chemicals resistance	Acid and alkaline solution acc. to IEC 60811-100
Behaviour in water	Water resistance test acc. to EN 50525-2-21 (AD8 condition) and AC internal test, suitable for immersion in sea and brackish water

**FLAT CABLES DIMENSIONS**

Cores x size			Conductor $\varnothing$	Min height	Max height	Min width	Max width	Approx weight
Nr x AWG			mm	mm	mm	mm	mm	kg/km
4	G	1	9,1	19,4	20,2	56,8	57,6	2480
4	G	2/0	10,7	24,0	24,8	65,4	66,6	3650