



## INNOVCABLE INNOVSHORE REINFORCED CONTROL ATC/ATS 0,6/1KV



- 1) Conductor formed by electrolytic bare copper wires or tinned, soft temper, class 5 stranding, according to IEC 60228. \*1,7
- 2) Conductor insulation is made of special halogen-free compound LSOH (HF-90). \*4
- 3) Crimping or extruded filling.
- 4) Armature: Stranded bare copper (ATC) or tinned copper (ATS) wires with coverage >90%. \*8
- 5) Final covering in LSOH halogen-free polyolefin compound (SHF1), grey colour. \*2,5

### Identification

External recording:

INNOVSHORE ATC/ATS ARMED CONTROL CABLE \_\_ x \_\_mm<sup>2</sup> 0.6/1KV 90°C OF: XXXX/YEAR

Of the conductors - white insulation sequentially numbered. \*3

### Applicable Specifications



Strings: IEC 60228

Electrical installations in ships - Power cables for 1 kV and 3 kV voltages: IEC 60092-353

Meets the requirements for firing test - IEC 60332-1 and IEC 60332-3-22 , category "A".

Low Smoke emission: IEC 61034- 1/2

Certifications can be Batch Approval or Type Approval (depending on certification and certifier) -  
Please contact us for further details.

Shipborne energy cables - General construction and testing requirements: IEC 60092-350

Insulation materials and outer jacket for use on board offshore units, power, control,  
instrumentation and telecommunication cables: IEC 60092-360

Common test methods for insulation and outer jacket of materials of electric cables: IEC 60811

Halogen Free: IEC-60754-1/2

Application: IEC 60092 series.

## Applications

Built and designed for the demanding environment of offshore drilling and the marine industry.  
Reinforced cable provides protection where it is required.

They are used in fixed installations, in trays, troughs, conduits, panels, among others. Indicated for use in control circuits, command and signalling, power supply, machine connection, among other environments. INNOVSHORE ATC/ATS ARMED CONTROL CABLE 0.6/1KV offers maximum resistance to chemical products, humidity and UV rays. Non-halogenous and with improvement



under fire conditions, anti-flame, it does not produce toxic and corrosive gases. Exceeds IEC's specifications indicated.

## Maximum Conductor Temperature

CONTINUOUS DUTY: 90°C - IEC 60092-360

SHORT CIRCUIT: 250°C

## Notes

\* We manufacture with other configurations:

1) Tinned copper conductor can be manufactured in class 2.

2) External Coating Colors: Nomenclature to be added at the end of the code: VM - Red // VD - Green // BR - White // PT - Black // AZ - Blue

We can manufacture other colours on request.

3) Different sections, colours and amount of veins, up to:

- 71 x 0,50mm<sup>2</sup> / 71 x 2,50mm<sup>2</sup>

- 52 x 4,00mm<sup>2</sup> / 52 x 4,00mm<sup>2</sup> / 42 x 6,00mm<sup>2</sup>.

- 42 x 6,00mm<sup>2</sup>

- 20 x 10,0mm<sup>2</sup>

4) Insulation material of the veins:

EPR - 90 °C

HEPR - 90 °C

XLPE - 90 °C

5) Material of the intermediate layer and the cover:

ST2

SE

SHF2

6) At Innovcable's discretion, separators and/or fillers of compatible material may be used.

7) Nomenclature to be added at the end of the code according to the conductor type:

Bare copper conductor - CN

Tinned copper conductor - SN

8) Types of armatures:

ATS - Tinned copper wire braided frame

ATC - Bare copper braid frame

\*\*Innovcable reserves the right to change this catalogue without prior notice.



Construção n. de cond. x seção (mm²)	Isolação Espessura Nominal mm	Capa Externa Espessura Nominal mm	Diametro Externo Aproximado Nominal - mm	Peso Nominal Kg/Km
2×1.5	0.7	1.1	9.3	120
2×2.5	0.7	1.1	10.1	150
2×4	0.9	1.2	12.2	195
2×6	0.9	1.2	13.7	275
2×10	0.9	1.3	15.7	385
3×(G)1.5	0.7	1.1	9.8	145
3×(G)2.5	0.7	1.1	10.7	180
3×4	0.9	1.2	12.9	245
3×6	0.9	1.3	14.7	345
3×10	0.9	1.3	16.6	490
4×(G)1.5	0.7	1.1	10.5	170
4×(G)2.5	0.7	1.2	11.8	225
4×4	0.9	1.3	14.7	335
4×6	0.9	1.3	16.0	425
4×10	0.9	1.4	18.3	625
5×(G)1.5	0.7	1.2	11.7	205
5×(G)2.5	0.7	1.2	12.8	265
5G4	0.9	1.2	15.2	360
6×1.5	0.7	1.2	12.7	240
7×1.5	0.7	1.2	12.7	260
8×1.5	0.7	1.2	15.5	340
10×1.5	0.7	1.3	16.2	390
12×1.5	0.7	1.4	16.9	440
16×1.5	0.7	1.4	18.6	550
19×1.5	0.7	1.5	19.7	620
24×1.5	0.7	1.6	22.9	800
5×2.5	0.7	1.2	12.9	290
7×2.5	0.7	1.2	14.6	390
12×2.5	0.7	1.4	18.7	610
19×2.5	0.7	1.5	21.8	870
24×2.5	0.7	1.6	25.6	1100
27×2.5	0.7	1.7	26.1	1200
37×2.5	0.7	1.9	29.2	1560

innovcable@innovcable.com.br  
www.innovcable.com.br

Evolucable Industria de Cabos Especiais  
Av. Minasa, 25 - Galpão B1 - Condomínio Industrial  
Business Park - Sumaré/SP - Cep 13.180-400  
Sumaré/SP (Fábrica): +55 19 3090-3350  
São Paulo/SP: +55 11 3090-6855  
Rio de Janeiro/RJ: +55 21 2042-0087

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