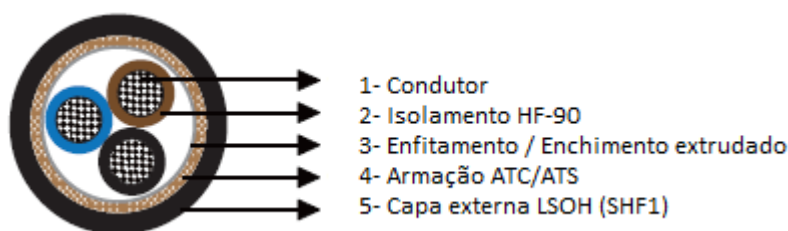




## INNOVCABLE INNOVSHORE POWER ARMED ATC/ATS Multicore 0.6/1KV



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

### Identification

External Tape:

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

Colours of conductor insulation :

- 2 conductors: black and white.
- 3 conductors: black, white and red.
- 4 conductors: black, white, red and blue.
- 5 conductors: black, white, red, blue and grey.

### 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".

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

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

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

Low Smoke emission: IEC 61034- 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 required.

They are used in fixed installations, trays, troughs, conduits, panels, among others. Indicated for use in control circuits, command and signalling, power supply, machine connection, among other environments. INNOVSHORE POWER ARMED ATC/ATS Multicore 0.6/1KV Cable offers maximum resistance to chemical products, humidity and UV rays. Non-halogen and improved under fire condition, anti-flame, 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 and number of veins.

4) Vein insulation material:

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 (mm <sup>2</sup> )	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
2×16	0.9	1.4	18.4	595
2×25	0.9	1.5	21.3	820
2×35	0.9	1.5	23.9	1140
2×50	1.0	1.5	26.7	1500
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
3×16	0.9	1.4	19.5	755
3×25	0.9	1.6	22.7	1095
3×35	0.9	1.6	24.9	1340
3×50	1.0	1.6	27.1	1750
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
4×16	0.9	1.5	21.5	935
4×25	0.9	1.6	24.4	1345
4×35	0.9	1.7	27.5	1715
4×50	1.0	1.6	29.9	2400
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

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