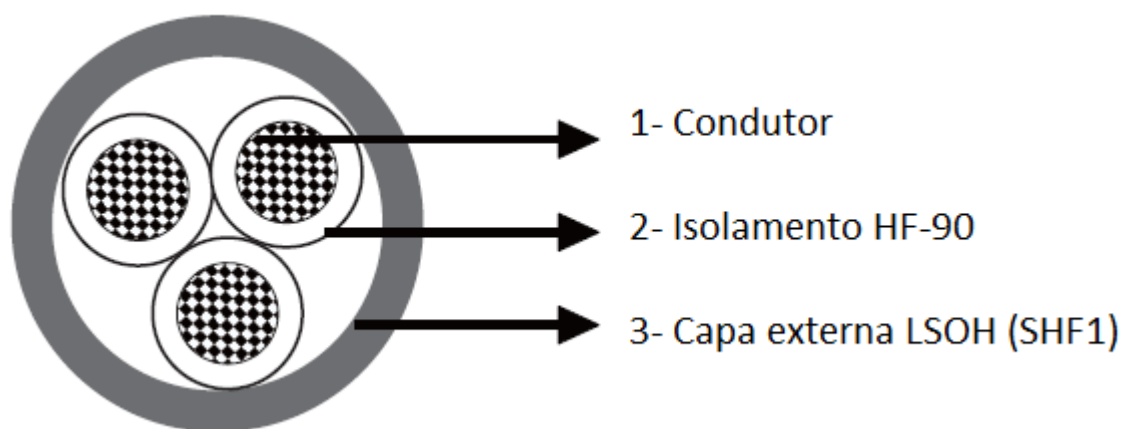




INNOVCABLE INNOVSHORE CONTROL / INSTRUMENTATION 150/250V (300V)



1. Conductor composed of electrolytic bare copper wires or tinned, soft temper, class 5 stranding, in accordance with IEC 60228.*1,7
2. Insulation of conductors in special halogen-free compound LSOH (HF-90). *4
3. LSOH halogen-free polyolefin compound (SHF1) final coating, grey colour. *2,5

Identification

- External Engraving:

INNOVCABLE INNOVSHORE CONTROL/INSTRUMENTATION __mm² 0.15/0.25KV 90°C OF:
XXXX/YEAR

Conductors - insulation in white or black, numbered sequentially. *3

Applicable Specifications



Strings: IEC 60228

Primary Isolation: 150/250 V (300 V) - IEC 60092-376.

Selection and installation of electrical cables: IEC 60092-352.

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

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. Used on board ships in fixed installations, trays, troughs, conduits, panels, among others. Recommended for use in control, command and signalling circuits in accordance with IEC 60092-352. INNOVSHORE CONTROL/INSTRUMENTATION cables 0.15/0.25KV offer 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 and amount of veins, maximum up to:

- 71 x 0,50mm² / 71 x 2,50mm²

- 52 x 4,00mm² / 52 x 4,00mm² / 42 x 6,00mm².

- 42 x 6,00mm²

- 20 x 10,0mm²

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

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



Construção n. de cond. x seção (mm ²)	Isolação Espessura Nominal mm	Capa Externa Espessura Nominal mm	Diametro Externo Aproximado Nominal - mm	Peso Nominal Kg/Km
2×0.75	0.5	1.1	6.2	50
3×0.75	0.5	1.1	6.5	60
5×0.75	0.5	1.2	7.7	80
7×0.75	0.5	1.2	8.3	100
12×0.75	0.5	1.3	10.9	170
19×0.75	0.5	1.6	13.0	250
27×0.75	0.5	1.7	15.6	350
37×0.75	0.5	1.9	17.6	470
2×1.0	0.5	1.1	6.6	60
3×1.0	0.5	1.2	7.0	70
5×1.0	0.5	1.2	8.2	100
7×1.0	0.5	1.3	9.1	130
12×1.0	0.5	1.4	11.7	210
19×1.0	0.5	1.7	14.0	310
27×1.0	0.5	1.9	16.8	430
37×1.0	0.5	2.0	19.0	580