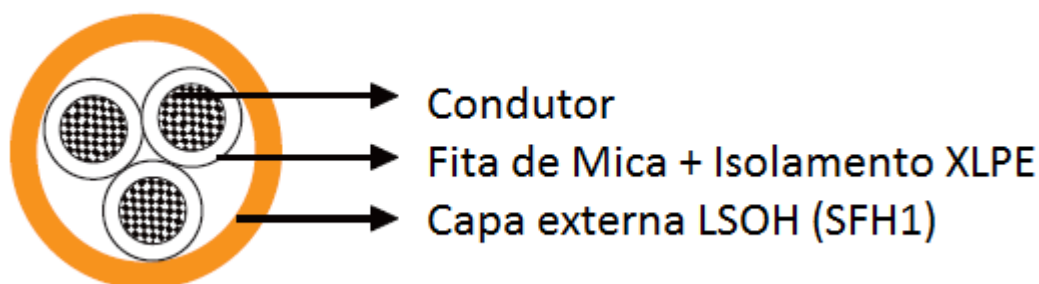




INNOVCABLE INSTRUMENTATION / CONTROL - FIRE RESISTANT - MICA TAPE/XLPE/SFH1 - multicore - 0,15/0,25Kv (300V) - IEC 60331



- 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 mica tape and special halogen-free compound LSOH (XLPE). *4
- 3) Final covering in LSOH halogen-free polyolefin compound (SFH1), grey colour. *2,5

Identification

INNOVCABLE INNOVSHORE FIRE RESISTANT XLPE/SFH1 __mm² 0,15/0,25KV 90°C OF:
XXXX/ANO IEC 60092/60331.

- Black or white veins 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 fire test - circuit integrity - procedures and requirements 0.6/1Kv - IEC 60331-21

Low Smoke emission: IEC 61034- 1/2

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

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

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

Applications

FIRE RESISTANT cable, temperature class 90 °C, flame retardant (IEC 60332-3), low smoke emission, halogen free, low toxicity and fire resistant "FIRE BARRIER" type (IEC 60331, 950 ° C). 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. They exceed the specifications of the indicated IEC's.

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 Coat Colours: Nomenclature to be added at the end of the code: VM - Red // VD - Green // BR - White // PT - Black // AZ - Blue // LJ - Orange

We can manufacture other colours upon request.

3-) Other dimensions: from 1,5mm² to 2,50mm² (also in AWG).

Other formations up to 71 conductors (consult maximum per gauge).

4) Vein insulation material:

EPR - 90 °C

HEPR - 90 °C

HF90 - 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	Peso Nominal Kg/Km
2x0.75	0.5	1.1	63
4x0.75	0.5	1.2	84