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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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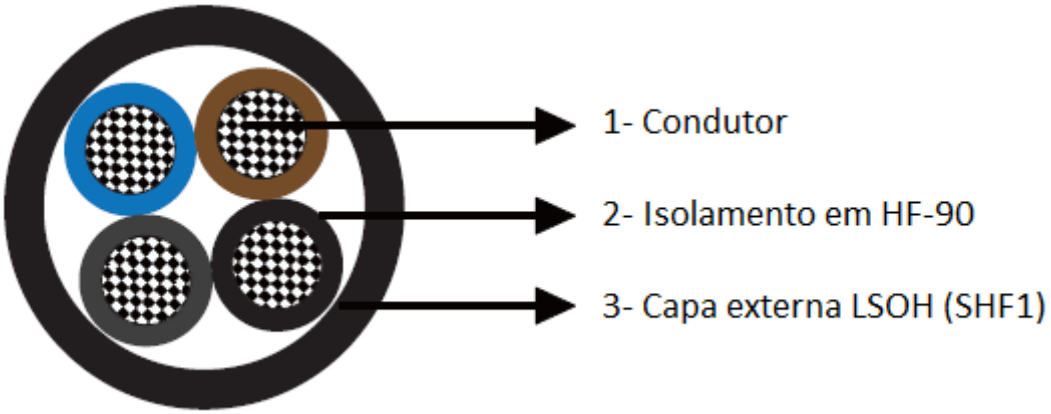
INNOVCABLE INNOVSHORE POWER Multicore 0.6/1KV



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).
3) Final covering in halogen-free polyolefin compound LSOH (SHF1), in grey colour.*2,5

Identification

External engraving:
INNOVSHORE POWER CABLE Multi-conductor __ x __mm² 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

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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. They are used in fixed installations, trays, gutters, conduits, panels, among others. Indicated for use in control circuits, command and signaling, power supply, connection of machinery, among others in industrial environments in general. INNOVSHORE POWER Multicore 0,6/1KV cables offer maximum resistance to chemical products, humidity and UV rays. Non-halogenous and with

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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 number of veins.
4) Vein insulation material:
EPR - 90 ºC
HEPR - 90 ºC
XLPE - 90 ºC
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.

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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	8.4	80
2×2.5	0.7	1.1	9.2	100
2×4	0.9	1.1	11.1	135
2×6	0.9	1.2	12.4	185
2×10	0.9	1.2	14.1	270
2×16	0.9	1.3	16.4	400
2×25	0.9	1.3	18.8	700
2×35	0.9	1.3	21.4	930
2×50	1.0	1.3	24.2	1290
3×(G)1.5	0.7	1.1	8.8	100
3×(G)2.5	0.7	1.1	9.8	130
3×(G)4	0.9	1.2	12.0	190
3×(G)6	0.9	1.2	13.2	250
3×10	0.9	1.3	15.2	380
3×16	0.9	1.3	17.5	560
3×25	0.9	1.5	20.7	875
3×35	0.9	1.6	23.5	1220
3×50	1.0	1.7	26.7	1780
4×(G)1.5	0.7	1.1	9.6	120
4×(G)2.5	0.7	1.1	10.7	165
4×(G)4	0.9	1.2	13.2	240
4×(G)6	0.9	1.2	14.5	320
4×(G)10	0.9	1.3	16.7	490
4×(G)16	0.9	1.4	19.5	740
4×(G)25	0.9	1.5	22.8	1145
4G35	0.9	1.7	26.0	1515
4G50	1.0	1.8	29.7	2340
5×(G)1.5	0.7	1.1	10.5	145
5×(G)2.5	0.7	1.2	11.9	205
5G6	0.9	1.3	16.1	400
5G16	0.9	1.5	21.6	920

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