



INNOVCABLE CATHODE CABLE INNOVDF/HMWPE 0,6/1KV



- 1-) Conductor formed by stranded bare copper wires according to ASTM B-8 (CL. 2) or ASTM B172 (Cl. 5)
- 2-) Insulation in INNOVDF fluoropolymer extruded on conductor.
- 3-) Lining: HMWPE of HIGH MOLECULAR WEIGHT in accordance with ASTM D-1248, type 1, class A, category 5, Grades E4 and E5. Tensile strengths JL, J3.

Identification

INNOVCABLE INNOVDF/HMWPE CATHODIC CABLE n (x) or (G) mm² 0,6/1kv OF: XXXX/YEAR

Applicable Specifications

ASTM B-8 (CL. 2) or ASTM B172 (Cl. 5)

ASTM D-1248, Type 1, Class A, Category 5, Grades E4 and E5. Tensile forces JI, J3

RAL 9005

Applications



Cable built with high molecular weight polyethylene. This compound provides excellent performance in its application. Cable can be directly buried, for use in cathodic protection applications such as lead anode wires, pipeline to rectifier connections, cross connection, message test connections, deep well or other situations where resistance to chlorine gas, brackish water, corrosive liquids, extreme underground conditions, etc. is required. The product can also be used for submerged installations in water tanks, marine structures and other similar applications. INNOVDF insulation provides chemical resistance properties, most importantly, possessing the following characteristics and attributes:

Excellent resistance to fatigue, creep and shear.

Easily can be cross-linked by ionizing radiation after compounding with co-agents.

Chemical resistance to a variety of acids, bases and organic solvents

Excellent fire and smoke performance

Good electrical properties

Excellent weatherability

Low density.

Secondary or outer high molecular weight polyethylene (HMWPE) coating provides abrasion resistance.

Black colour (standard). Other custom colours are available depending on the quantity purchased.

Maximum Conductor Temperature

+150 ° C

Notes

- We can produce on request, several other cable options and configurations. Innovcable reserves the right to change this catalogue without prior notice.



| Bitola mm ² | Diametro Maximo Condutor mm | Diam. Isolamento mm | Diam. Cond. mm | Diametro Capa mm | Diametro Total mm | Peso Kg/km |
|---------------------------|--------------------------------------|---------------------------|----------------------|------------------------|-------------------------|---------------|
| 6 | 3.12 | 1.0 | 5.12 | 1.65 | 8.42 | 96 |
| 10 | 4.05 | 1.0 | 6.05 | 1.65 | 9.35 | 135 |
| 16 | 5.10 | 1.0 | 7.10 | 1.65 | 10.40 | 197 |
| 25 | 6.40 | 1.2 | 8.80 | 1.65 | 12.10 | 312 |
| 35 | 7.50 | 1.2 | 9.90 | 1.65 | 13.20 | 398 |
| 50 | 8.90 | 1.4 | 11.70 | 1.65 | 15.00 | 541 |