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Evolucable Industria de Cabos Especiais
Av. Minasa, 25 - Galpão B1 - Condomínio Industrial
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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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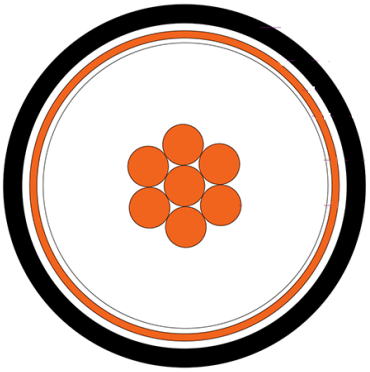
INNOVCABLE AIRPORT CABLE FOR LIGHTING AID - NBR 7732 3.6/6kv SHIELDED BT/BFC



-Conductor material: Stranded conductor formed from bare electrolytic copper wires, soft temper, stranding class 2 NBR NM 280.
- Conductor class: NBR NM 280 class 2 stranding.
- Vein insulation: EPR/B elastomeric compound or XLPE cross-linked polyethylene in natural color.
- Shielding in copper tape (BFC) or copper mesh (BT).
- PVC/ST2 105 °C outer cover.
- Manufactured in black RAL 9005, or any other color requested by the customer.
- Nominal voltage: 3.6/6Kv.
- Conductor resistance: according to DIN VDE 0295 class 2 and IEC 60228 cl. 2

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Identification

INNOVCABLE AIRPORT CABLE 3.6/6Kv LV OR BTC XX mm² NBR 7732 OF: XXXX/YEAR

Applicable Specifications

NBR 7732 - Electrical cables for lighting aids in airports, at a voltage of 3.6 kV/6 kV

IEC 60228 CLASS 2 - ABNT NBR NM 280

NBR 5111 - Circular section bare copper wire for electrical purposes - Specification

NBR 6242 - Dimensional verification for electrical wires and cables - Test method

NBR 6251 - Construction of power cables with extruded solid insulation for voltages from (1 to 35) kV - Standardization

NBR 6813 - Electric wires and cables - Insulation resistance test - Test method

NBR 6880 - Copper conductors for insulated cables - Dimensional characteristics - standardization

NBR 6881 - Electric power or control wires and cables - Electrical voltage test - Test method

NBRNM-IEC60332-1 - Test methods for electric cables under fire conditions - Part 1: Test on a single conductor or insulated cable in vertical position.

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Applications

Cable for use in airport lighting aids. The high dielectric strength insulation guarantees reliability for the electrical systems of taxiways, landing strips and take-off strips at airports. These cables are flame-resistant and self-extinguishing, as verified by the NM-IEC 60332-1 test.

Maximum Conductor Temperature

Maximum temperature in permanent regime: 90°C;
Maximum overload temperature: 130°C;
Maximum short-circuit temperature: 250°C.

Notes

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

Seção nominal (mm²)	Espessura da Isolação (mm)	Espessura da capa externa (mm)	Diâmetro externo (mm)	Peso aprox.(kg/km)
10	3,4	1,4	16,30	319,80