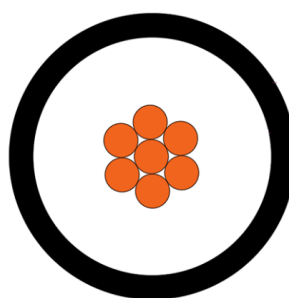




## INNOVCABLE AIRPORT CABLE FOR LIGHTING AID - NBR 7732 3,6/6kv SB



- 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 reticulated polyethylene in natural color.
- PVC/ST2 105 °C outer jacket.
- 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

### Identification

INNOVCABLE AIRPORT CABLE 3.6/6Kv XX mm<sup>2</sup> 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**

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

## 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 (mm <sup>2</sup> )	Espessura da Isolação (mm)	Espessura da capa externa (mm)	Diâmetro externo (mm)	Peso aprox.(kg/km)
10	3,4	1,4	13,70	250,54