



INNOVCABLE INNOVTOX CABLE H07Z-K 450/750V 70°C



1-) Conductor: Electrolytic bare copper wires, soft temper, stranding class 4 up to the nominal section of 6.00 mm² and stranding class 5 from section 10.00 mm² (extra flexible) in accordance with ABNT NM 280 standard.

2-) Insulation: Non-halogenated thermoplastic polyolefin compound (LSHF/A), EI5 polyolefin with low emission of smoke and toxic gases in case of fire. Does not contain lead, free of heavy metals.

Mechanical characteristics:

- Good mechanical resistance to impacts
- Good cable flexibility
- Min. bending radius: 8 (xD)

Voltage rating: 450 - 750V

Voltage test: 2.500 V

Identification

innovcable



Sections 1,5 mm² to 6 mm²: Black, blue, green, white, red, yellow, grey and green/yellow.

Sections 10 mm² to 300 mm²: Black, blue, green, white and red.

- OTHER COLOURS ON REQUEST.

Applicable Specifications

VDE 0482-322-1-2 - Flame retardant

IEC 60332-1 - Flame Retardant

DIN EN 50267 - Halogen-free

ABNT NBR NM 280

DIN EN 61034 - Smoke density

IEC 60754 - Halogen free

Applications

Can be used in all types of indoor and fixed installations, suitable for locations with high occupancy density and/or difficult escape conditions, such as shopping malls, hotels, hospitals, schools, theatres, football stadiums, etc. Does not propagate flames, halogen free and with low emission of smoke and toxic gases. Does not contain lead Free of heavy metals



Maximum Conductor Temperature

- **Permanent rating: 70 °C**
- **Overload rating: 100 °C**
- **Short-circuit rating: 160**

Notes

- *The dimensions shown are nominal and therefore subject to normal manufacturing tolerances;*
- *It may be manufactured in another section, dimensional or material at the customer's request.*
- *Innovcable reserves the right to modify this catalogue without prior notice.*



Seção nominal (mm²)	Classe de encordoamento	Diâmetro nominal do condutor (mm)	Espessura nominal da isolamento (mm)	Diâmetro externo nominal (mm)	Massa líquida aproximada (kg/km)
1,5	4	1,55	0,7	2,95	20
2,5	4	1,97	0,8	3,57	32
4	4	2,50	0,8	4,10	46
6	4	3,10	0,8	4,70	64
10	5	4,30	1,0	6,30	104
16	5	5,40	1,0	7,40	158
25	5	6,80	1,2	9,20	239
35	5	7,85	1,2	10,25	328
50	5	9,30	1,4	12,10	468
70	5	11,25	1,4	14,05	648
95	5	12,50	1,6	15,70	801
120	5	14,00	1,6	17,20	1071
150	5	15,50	1,8	19,10	1350
185	5	17,70	2,0	21,70	1611
240	5	20,00	2,2	24,40	2151
300*	5	23,00	2,4	27,80	2970

*Sob consulta.