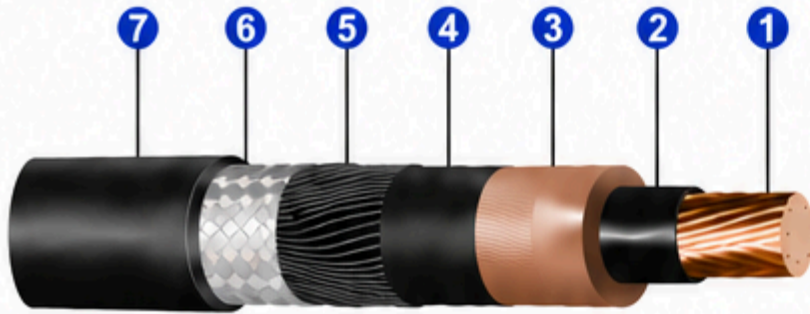
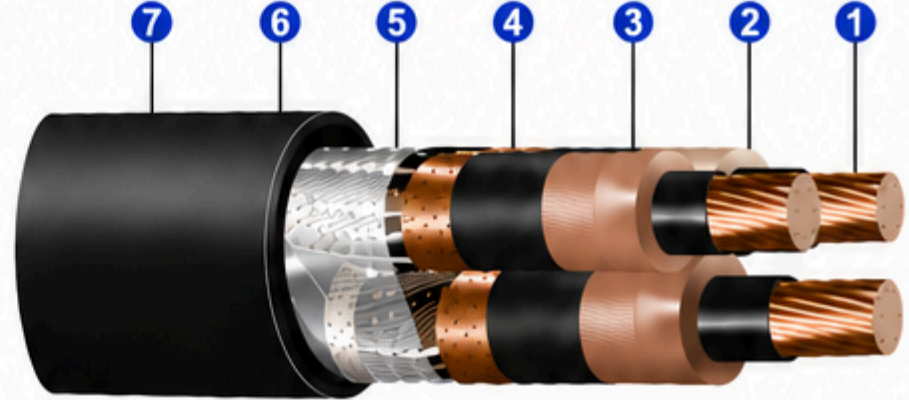


Single



Three-core (Multiple)



CONSTRUCTION

- 1 Conductor:** Bare electrolytic copper conductor, soft temper stranded, compacted circular cross section.
- 2 Conductor Shield:** Semi-conducting thermoset compound – 90°C.
- 3 Insulation:** High modulus (HEPR) thermoset compound.
- 4 Insulation Shield:** Semi-conducting thermoset compound, easy to remove.
- 5 Metallic Shield:** Bare copper wires.
- 6 Flame Barrier.**
- 7 Outer Sheath:** Halogen-free thermoplastic compound (LSHF), flame retardant, low smoke and low toxic gas emission.

IDENTIFICATION

Cables with 3 conductors, cores identification by means of tapes in the colors white, blue and red.

PACKAGING

They are normally supplied on wooden drums.

APPLICATION

The modern technology used in the manufacture of ATOX 90 CABLES provides an excellent technical and also very economical alternative for electrical installations in buildings where there is a large concentration of people (such as: airports, tunnels, commercial buildings such as: hotels, cinemas, shopping centers, hospitals, residential buildings) and in case of fire, evacuation of the place is long and difficult, areas classified as BD2, BD3 and BD4, according to NBR 5410 and NBR 13570. They can be installed outdoors, in conduits, troughs, trays or directly buried.

PACKAGING

STANDARDS

The ATOX 90 CABLES comply with NBR 16132.

CABLE ATOX 90 (6/10 kV)

Reference	Conductor		Insulation		Number of Conductors	Outer Sheath		Total Weight (kg/km)
	Nominal Cross Section (mm ²)	Nominal Diameter (mm)	Nominal Thickness (mm)	Nominal Diameter (mm)		Nominal Thickness (mm)	Nominal Diameter (mm)	
3727.01.013	16	4,80	3,4	12,8	1	1,4	18,3	515
3727.03.013					3	2,1	40,0	2.028
3727.01.014	25	6,00		14,00	1	1,4	19,5	627
3727.03.014					3	2,1	42,6	2.427
3727.01.015	35	7,10		15,1	1	1,4	20,6	744
3727.03.015					3	2,2	45,1	2.859
3727.01.016	50	8,10		16,1	1	1,5	21,8	886
3727.03.016					3	2,3	47,5	3.336
3727.01.017	70	9,55		17,6	1	1,5	23,3	1.115
3727.03.017					3	2,4	50,8	4.138
3727.01.018	95	11,3		19,3	1	1,6	26,6	1.631
3727.03.018					3	2,5	58,0	5.921
3727.01.019	120	12,7	20,7	1	1,6	26,6	1.631	
3727.03.019				3	2,6	58,0	5.921	