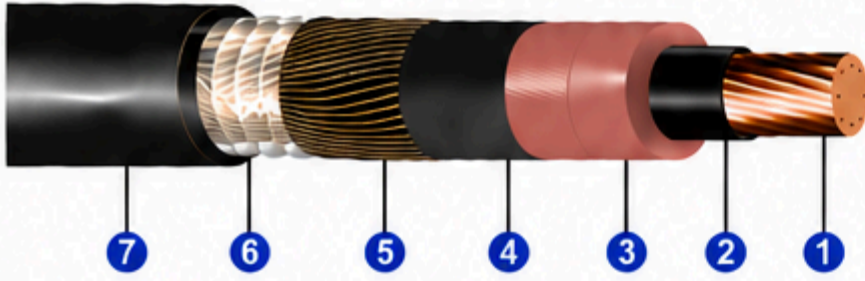
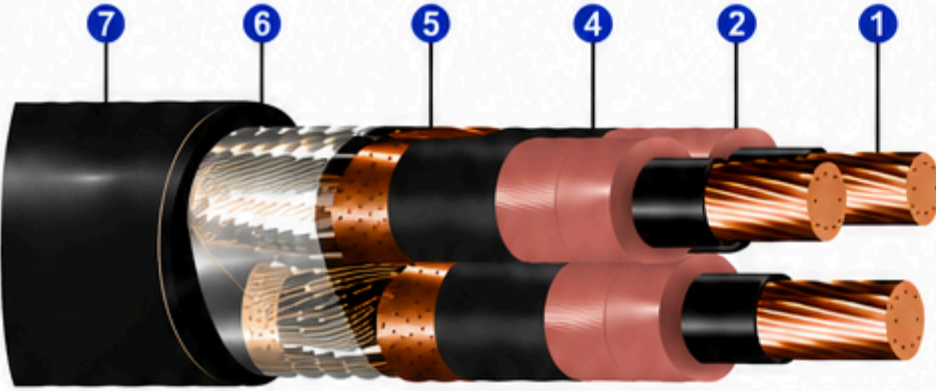


Single



Three-core (Multiple)



CONSTRUCTION

- 1 **Conductor:** Bare electrolytic copper conductor, soft temper, compacted circular stranded (Class 2).
- 2 **Conductor Shield:** Semi-conducting thermoset compound.
- 3 **Insulation:** High modulus EPR 90 °C thermoset compound.
- 4 **Insulation Shield:** Semi-conducting insulation shield, easy to remove when cold.
- 5 **Metallic Shield:** Bare copper wires.
- 6 **Separator:** Non-hygroscopic polyester tape, applied helically covering 100% of the cable.
- 7 **Outer Sheath:** Halogen-free thermoplastic compound (SHF1), 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.

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, hospitals, residential and commercial buildings such as hotels, cinemas, shopping centers, theaters) and where, in the event of a fire, evacuation of the area is long and difficult (areas classified as **BD2, BD3 and BD4**, according to **ABNT NBR 5410** and **ABNT NBR 13570**). They can be installed outdoors, in conduits, ducts, trays or directly buried.

PACKAGING

They are normally supplied on wooden drums.

STANDARDS

ABNT NBR 16132 Power cables, non-halogenated, low smoke emission, insulated and sheathed, for rated voltages from 3 kV to 35 kV – Performance requirements.

PACKAGING

They are normally supplied on wooden drums.

STANDARDS

ABNT NBR 16132 Power cables, non-halogenated, low smoke emission, insulated and sheathed, for rated voltages from 3 kV to 35 kV – Performance requirements.

CABLE ATOX 90 (3.6/6 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)	
3725.01.012	10	3,80	3,0	11,0	1	1,4	16,5	418
3725.03.012					3	1,9	35,7	1.618
3725.01.013	16	4,80		12,0	1	1,4	17,5	488
3725.03.013					3	2,0	38,0	1.889
3725.01.014	25	6,00		13,2	1	1,4	18,7	598
3725.03.014					3	2,2	40,8	2.298
3725.01.015	35	7,10		14,3	1	1,4	19,8	713
3725.03.015					3	2,2	43,4	2.722
3725.01.016	50	8,30		15,5	1	1,4	20,8	844
3725.03.016					3	2,2	45,6	3.170
3725.01.017	70	9,60		16,8	1	1,5	22,5	1.081
3725.03.017					3	2,4	49,1	3.984
3725.01.018	95	11,3		18,5	1	1,5	24,2	1.332
3725.03.018					3	2,5	53,1	4.878
3725.01.019	120	12,7		19,9	1	1,6	25,8	1.591
3725.03.019					3	2,6	56,3	5.744
3725.01.020	150	13,8		21,0	1	1,6	26,9	1.859
3725.03.020					3	2,7	59,3	6.714
3725.01.021	185	15,5		22,7	1	1,7	28,8	2.231
3725.03.021					3	2,8	63,1	7.955
3725.01.022	240	18,4		25,6	1	1,8	31,5	2.806
3725.03.022					3	3,0	68,9	9.914
3725.01.023	300	20,5		27,7	1	1,9	34,2	34.118
3725.03.023					3	3,2	74,7	12.006
3725.01.024	400	23,3	30,5	1	2,0	37,2	14.770	
3725.03.024				3	3,4	81,2	15.410	
3725.01.025	500	26,4	34,0	1	2,1	40,9	15.410	
3725.03.025				3	3,7	89,4	18.745	