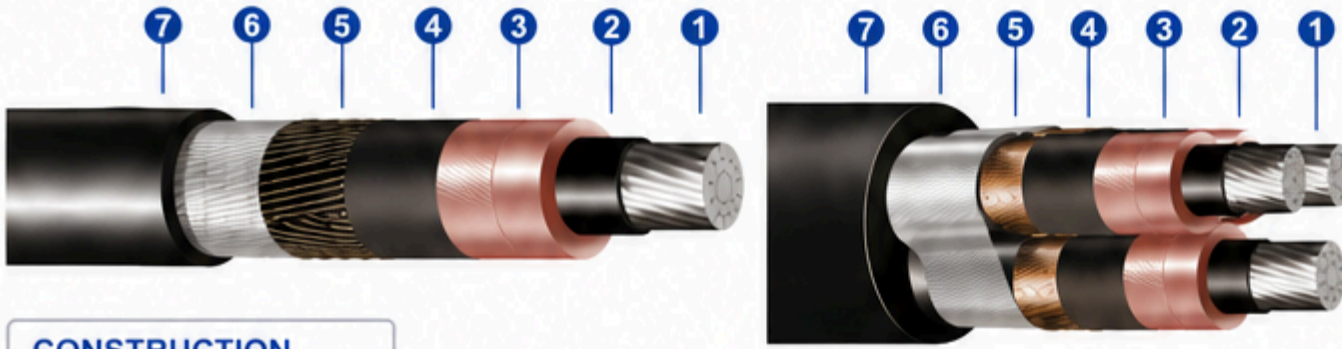


Single

Multiple



CONSTRUCTION

- 1 **Conductor:** Bare aluminum, 1350, compact circular stranded conductor, class 2.
- 2 **Conductor Shield:** Semi-conducting thermoset compound – 90°C.
- 3 **Insulation:** HEPR thermoset compound – High Modulus.
- 4 **Insulation Shield:** Semi-conducting thermoset compound, easy to remove.
- 5 **Metallic Shield:** Bare copper wires.
- 6 **Flame blocking.**
- 7 **Outer Sheath:** Halogen-free thermoplastic compound, non-flame propagating (LSHF), with low smoke and low toxic gas emission.

IDENTIFICATION

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

APPLICATION

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

PACKAGING

They are normally supplied on wooden drums.

STANDARDS

ATOX AL SLIM CABLES for medium voltage comply with NBR 16132.

CABLE ATOX AL SLIM 90 (6/10kV) COORDINATED INSULATION

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)			
3738.01.013	16	4,8	2,5	11,0	1	1,4	16,4	338		
3738.03.013					3	1,9	35,0	1302		
3738.01.014	25	6,0			12,2	1	1,4	17,6	388	
3738.03.014						3	2,0	37,7	1515	
3738.01.015	35	7,1				13,3	1	1,4	18,7	437
3738.03.015							3	2,1	40,3	1725
3738.01.016	50	8,3		14,5			1	1,4	19,9	495
3738.01.016							3	2,2	43,5	2012
3738.01.017	70	9,9			16,1		1	1,5	21,7	594
3738.03.017							3	2,3	47,2	2385
3738.01.018	95	11,8				18,0	1	1,5	23,6	704
3738.03.018							3	2,4	51,5	2845
3738.01.019	120	13,2	19,4	1			1,6	25,2	811	
3738.03.019				3			2,6	55,3	3319	
3738.01.020	150	14,8		21,0	1		1,6	26,8	918	
3738.03.020					3		2,7	59,0	3775	
3738.01.021	185	16,3			22,5	1	1,7	28,5	1062	
3738.03.021						3	2,8	63,7	4447	
3738.01.022	240	18,5	25,3			1	1,8	31,5	1310	
3738.03.022						3	3,0	68,8	5290	
3738.01.023	300	20,5		27,3		1	1,8	33,5	1515	
3738.03.023						3	3,2	73,6	6144	
3738.01.024	400	23,3			30,1	1	1,9	36,5	1823	
3738.03.024						3	3,4	80,0	7354	
3738.01.025	500	26,2	33,0			1	2,0	39,6	2201	
3738.03.025						3	3,6	86,7	8808	