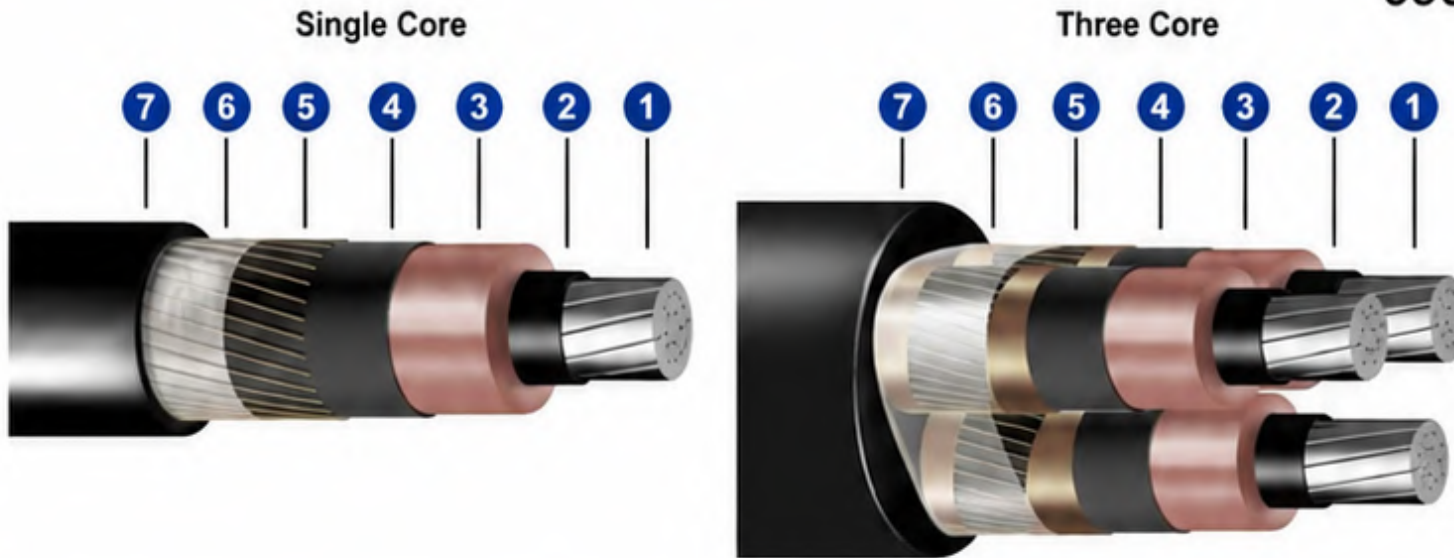


CABLE ATOX AL SLIM 90

3.6/6 kV

COORDINATED INSULATION



CONSTRUCTION

- 1 Conductor:** Aluminum, 1350, circular compact stranded (Class 2).
- 2 Conductor Shield:** Thermosetting semiconducting compound – 90 °C.
- 3 Insulation:** Thermosetting compound (HEPR) – High Modulus.
- 4 Insulation Shield:** Thermosetting semiconducting compound, easy to remove.
- 5 Metallic Shield:** Bare copper wires.
- 6 Flame Barrier.**
- 7 Sheath:** Thermoplastic, halogen free, low smoke and toxic gases emission (LSHF).

IDENTIFICATION

Cables with 3 conductors, core identification by color tapes in white, blue and red.

APPLICATION

The advanced technology used in the manufacture of **ATOX AL SLIM 90 CABLES** provides an excellent technical and economical alternative for electrical installations in buildings with a high concentration of people (e.g. airports, tunnels, commercial buildings such as: hotels, cinemas, shopping centers, hospitals, residential buildings) and in the event of fire, evacuation of the area is long and difficult, these are classified as BD2, BD3 and BD4, according to NBR 5410 and NBR 13570. They can be installed in the open air, in ducts, cable trays or directly buried.

PACKAGING

They are normally supplied on wooden reels.

STANDARDS

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

Reference	Conductor		Insulation		Number of conductors	Sheath		Total Weight (kg/km)
	Nominal cross-sectional area (mm²)	Nominal diameter (mm)	Nominal thickness (mm)	Nominal diameter (mm)		Nominal thickness (mm)	Nominal diameter (mm)	
3736.01.012	10	3.8	2.5	10.0	1	1.4	15.4	300
3736.03.012					3	1.8	32.6	1140
3736.01.013	16	4.8		11.0	1	1.4	16.4	338
3736.03.013					3	1.9	35.0	1302
3736.01.014	25	6.0		12.2	1	1.4	17.6	388
3736.03.014					3	2.0	37.7	1515
3736.01.015	35	7.1		13.3	1	1.4	18.7	437
3736.03.015					3	2.1	40.3	1725
3736.01.016	50	8.3		14.5	1	1.4	19.9	495
3736.03.016					3	2.2	43.1	1973
3736.01.017	70	9.9		16.1	1	1.5	21.7	594
3736.03.017					3	2.3	47.2	2385
3736.01.018	95	11.8		18.0	1	1.5	23.6	704
3736.03.018					3	2.4	51.5	2845
3736.01.019	120	13.2		19.4	1	1.6	25.2	811
3736.03.019					3	2.5	54.7	3244
3736.01.020	150	14.8		21.0	1	1.6	26.8	918
3736.03.020					3	2.7	59.0	3775
3736.01.021	185	16.3		22.5	1	1.7	28.5	1062
3736.03.021					3	2.8	62.4	4306
3736.01.022	240	18.5	2.8	25.3	1	1.8	31.5	1310
3736.03.022					3	3.0	68.8	5290
3736.01.023	300	20.5		27.3	1	1.8	33.5	1515
3736.03.023					3	3.2	73.6	6144
3736.01.024	400	23.3		30.1	1	1.9	36.5	1823
3736.03.024					3	3.4	80.0	7354
3736.01.025	500	26.2		33.0	1	2.0	39.6	2201
3736.03.025					3	3.6	86.7	8808