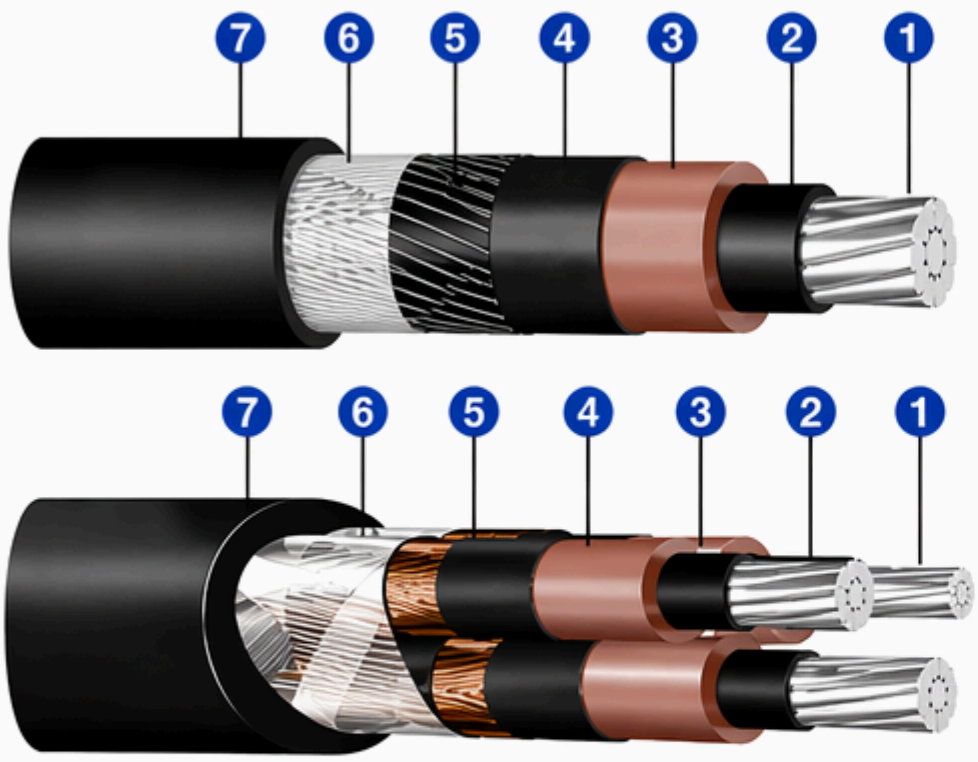
INDUSCABOS
CONDUTORES ELÉTRICOS
A escolha de quem conhece

EPRONAX AL 105 CABLE
20/35 kV
FULL INSULATION



CONSTRUCTION

1. **Conductor:** Bare aluminum, alloy 1350, compacted circular stranded (Class 2).
2. **Conductor Shield:** Thermosetting semiconducting compound.
3. **Insulation:** Thermosetting EPR rubber compound 105°C.
4. **Insulation Shield:** Layer of thermosetting semiconducting compound, easy cold stripping.
5. **Metallic Shield:** Bare copper wires.
6. **Separator:** Non-hygroscopic polyester tape, helically applied, covering 100% of the cable.
7. **Jacket:** Polyvinyl chloride compound PVC ST2.

IDENTIFICATION

Cables with 3 conductors, identified by colored ribbons in the following colors: white, blue and red.

APPLICATION

The modern technology used in the manufacturing of **EPRONAX AL 105 CABLES** provides an excellent technical and economical solution for service entrance circuits and/or power distribution in residential or industrial buildings, substations, etc.

They can be installed outdoors, in conduits, ducts, on trays or directly buried.

PACKAGING

Normally supplied on wooden reels.

SPECIFICATIONS

ABNT NBR 7286 Power cables with extruded ethylene propylene rubber insulation (EPR, HEPR or EPR 105) for voltages from 1 kV to 35 kV – Requirements.

EPRONAX AL 105 CABLE (20/35 kV) – FULL INSULATION

Reference	Conductor		Insulation		Number of conductors	Jacket		Total Weight (kg/km)
	Nominal Cross-sectional Area (mm²)	Nominal Diameter (mm)	Nominal Thickness (mm)	Nominal Diameter (mm)		Nominal Thickness (mm)	Nominal Diameter (mm)	
3723.01.016	50	8,3	8,8	23,1	1	1,8	33,3	1.164
3723.03.016					3	3,1	72,1	4.907
3723.01.017	70	9,9		24,7	1	1,9	35,1	1.309
3723.03.017					3	3,2	76,2	5.536
3723.01.018	95	11,8		26,6	1	2,0	37,2	1.482
3723.03.018					3	3,4	80,7	6.256
3723.01.019	120	13,2		28,0	1	2,0	38,6	1.613
3723.03.019					3	3,5	83,9	6.824
3723.01.020	150	14,8		29,6	1	2,1	40,4	1.777
3723.03.020					3	3,6	88,0	7.546
3723.01.021	185	16,3		31,1	1	2,1	41,9	1.946
3723.03.021					3	3,7	91,4	8.257
3723.01.022	240	18,5		33,3	1	2,2	44,3	2.219
3723.03.022					3	3,9	96,6	9.357
3723.01.023	300	20,5	8,8	35,3	1	2,3	46,5	2.493
3723.03.023					3	4,1	101	10.448
3723.01.024	400	23,3		38,1	1	2,4	49,5	2.874
3723.03.024					3	4,3	108	11.980
3723.01.025	500	26,2		41,0	1	2,5	52,6	3.327
3723.03.025					3	4,5	114	13.765