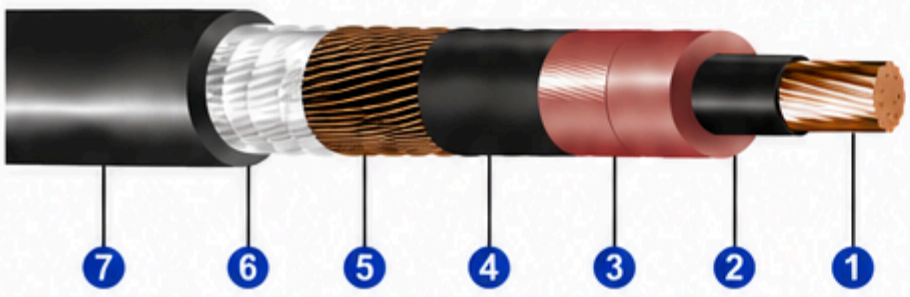
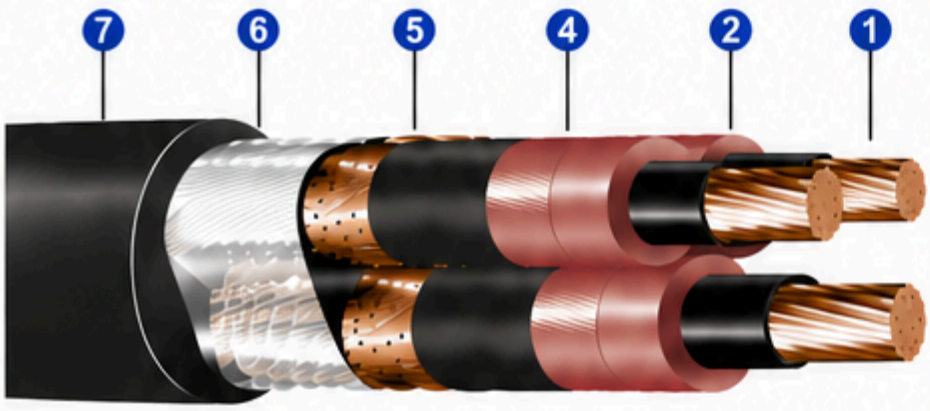
CABLE EPRONAX 105 15/25 kV

FULL INSULATION

Single



Three-core (Multiple)



CONSTRUCTION

1. **Conductor:** Bare electrolytic copper, soft temper, compacted circular stranded (Class 2).
2. **Conductor Shield:** Semi-conducting thermoset compound.
3. **Insulation:** EPR 105 thermoset rubber compound.
4. **Insulation Shield:** Semi-conducting thermoset compound layer, 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:** Polyvinyl chloride (PVC) ST2 compound.

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 **EPRONAX 105 CABLES** provides an excellent technical and very economical alternative for service entrance and/or distribution circuits in residential or industrial buildings, substations, etc. They can be installed outdoors, in conduits, ducts, trays or directly buried.

PACKAGING

They are normally supplied on wooden drums.

STANDARDS

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

CABLE EPRONAX 105 (15/25 kV) FULL INSULATION

Reference	Conductor		Insulation		Number of conductors	Outer sheath		Total weight (kg/km)
	Nominal cross section (mm²)	Nominal diameter (mm)	Nominal thickness (mm)	Nominal diameter (mm)		Nominal thickness (mm)	Nominal diameter (mm)	
3709.01.016	50	8,30	6,8	23,1	1	1,7	29,1	1.206
3709.03.016					3	2,8	62,9	4.670
3709.01.017	70	9,60		24,4	1	1,7	30,4	1.448
3709.03.017					3	2,9	66,3	5.581
3709.01.018	95	11,3		26,1	1	1,8	32,3	1.736
3709.03.018					3	3,0	70,2	6.572
3709.01.019	120	12,7		27,5	1	1,9	33,9	2.019
3709.03.019					3	3,2	73,6	7.559
3709.01.020	150	13,8		28,6	1	1,9	35,0	2.302
3709.03.020					3	3,2	76,4	8.577
3709.01.021	185	15,5		30,3	1	2,0	36,9	2.701
3709.03.021					3	3,4	80,4	9.958
3709.01.022	240	18,4		33,2	1	2,1	40,0	3.331
3709.03.022					3	3,6	87,1	12.165
3709.01.023	300	20,5		35,3	1	2,1	42,1	3.946
3709.03.023					3	3,8	92,0	14.322
3709.01.024	400	23,3		38,1	1	2,2	45,1	4.806
3709.03.024					3	4,0	98,5	17.258
3709.01.025	500	26,4		41,2	1	2,3	48,4	5.994
3709.03.025					3	4,2	106	21.241