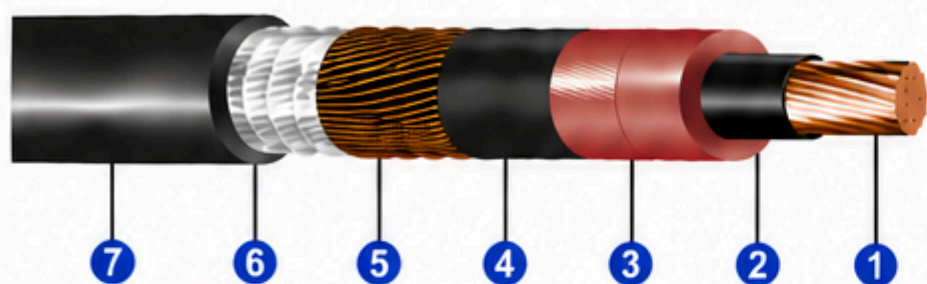
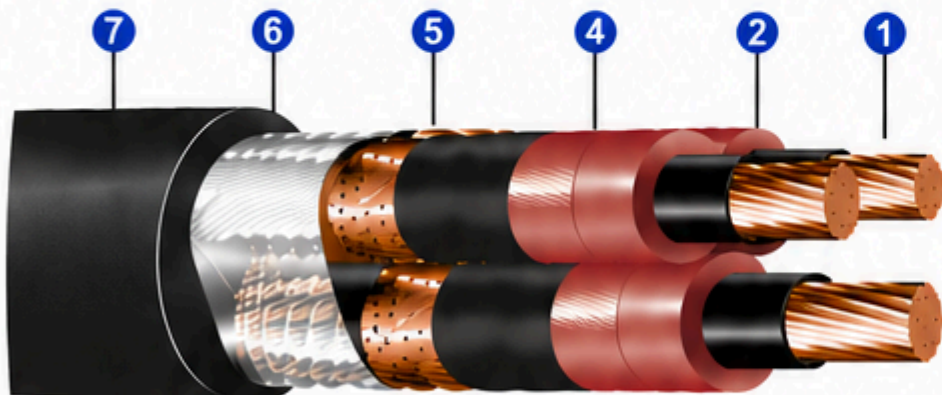


Single



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 tapes in the colors white, blue and red.

APPLICATION

The modern technology used in the manufacture of **EPRONAX 105 CABLES** provides an excellent technical and 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 (8.7/15 kV) FULL 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)	
3705.01.014	25	6,00	4,5	16,2	1	1,5	21,8	694
3705.03.014					3	2,3	47,0	2.646
3705.01.015	35	7,10		17,3	1	1,5	22,9	814
3705.03.015					3	2,4	49,6	3.089
3705.01.016	50	8,30		18,5	1	1,5	24,1	956
3705.03.016					3	2,5	52,4	3.606
3705.01.017	70	9,60		19,8	1	1,6	25,6	1.197
3705.03.017					3	2,6	55,8	4.451
3705.01.018	95	11,3		21,5	1	1,6	27,3	1.456
3705.03.018					3	2,7	59,6	5.369
3705.01.019	120	12,7		22,9	1	1,7	28,9	1.723
3705.03.019					3	2,8	62,9	6.261
3705.01.020	150	13,8		24,0	1	1,7	30,0	1.996
3705.03.020					3	2,9	65,8	7.254
3705.01.021	185	15,5		25,7	1	1,8	31,9	2.377
3705.03.021					3	3,0	69,7	8.526
3705.01.022	240	18,4		28,6	1	1,9	35,0	2.978
3705.03.022					3	3,2	76,4	10.604
3705.01.023	300	20,5		30,7	1	2,0	37,3	3.591
3705.03.023					3	3,4	81,3	12.665
3705.01.024	400	23,3		33,5	1	2,1	40,3	4.424
3705.03.024					3	3,6	87,8	15.476
3705.01.025	500	26,4		36,6	1	2,2	43,6	5.583
3705.03.025					3	3,9	95,1	19.365