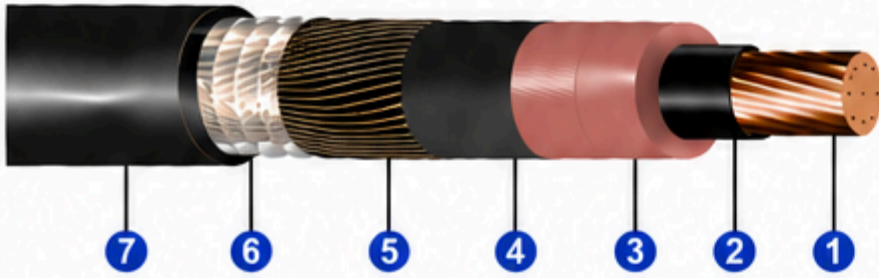


CABLE EPRONAX 105

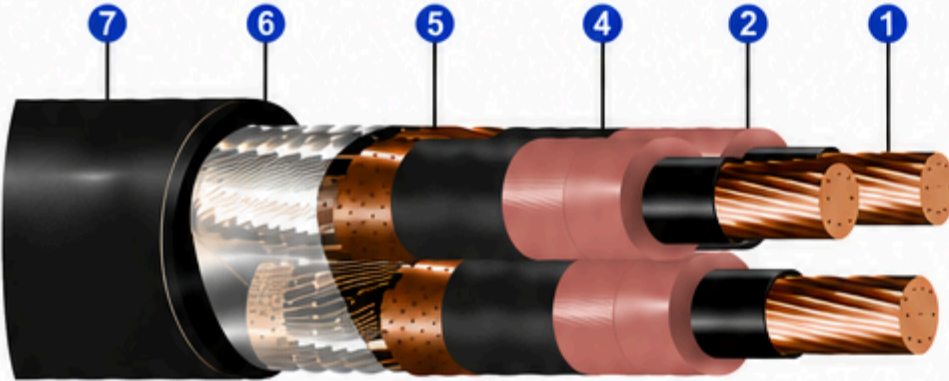
6/10 kV

FULL INSULATION

Single



Three-core (Multiple)



CONSTRUCTION

- 1 **Conductor:** Bare electrolytic copper conductor, soft temper, compacted circular stranded (Class 2)
- 2 **Conductor Shield:** Semi-conducting thermoset compound.
- 3 **Insulation:** EPR 105 °C thermoset compound.
- 4 **Insulation Shield:** Semi-conducting insulation shield, 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 also 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 insulation (EPR, HEPR or EPR 105) for rated voltages from 1 kV to 35 kV – Requirements.

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CABLE EPRONAX 105 (6/10 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)	
3703.01.013	16	4,80	3,4	12,8	1	1,4	18,2	489
3703.03.013					3	2,0	39,0	1.842
3703.01.014	25	6,00	14,0	1	1,4	19,4	600	
3703.03.014				3	2,1	41,8	2.246	
3703.01.015	35	7,10	15,1	1	1,4	20,5	716	
3703.03.015				3	2,2	44,4	2.665	
3703.01.016	50	8,30	16,3	1	1,5	21,9	862	
3703.03.016				3	2,3	47,2	3.156	
3703.01.017	70	9,60	17,6	1	1,5	23,2	1.086	
3703.03.017				3	2,4	50,6	3.967	
3703.01.018	95	11,3	19,3	1	1,6	25,1	1.349	
3703.03.018				3	2,5	54,5	4.850	
3703.01.019	120	12,7	20,7	1	1,6	26,5	1.597	
3703.03.019				3	2,6	57,7	5.712	
3703.01.020	150	13,8	21,8	1	1,7	27,8	1.878	
3703.03.020				3	2,7	60,7	6.676	
3703.01.021	185	15,5	23,5	1	1,7	29,5	2.238	
3703.03.021				3	2,9	64,8	7.942	
3703.01.022	240	18,4	26,4	1	1,8	32,6	2.825	
3703.03.022				3	3,1	71,4	9.960	
3703.01.023	300	20,5	28,5	1	1,9	34,9	3.427	
3703.03.023				3	3,2	76,2	11.943	
3703.01.024	400	23,3	31,3	1	2,0	37,9	4.247	
3703.03.024				3	3,5	82,8	14.732	
3703.01.025	500	26,4	34,4	1	2,1	41,2	5.391	
3703.03.025				3	3,7	89,9	18.515	