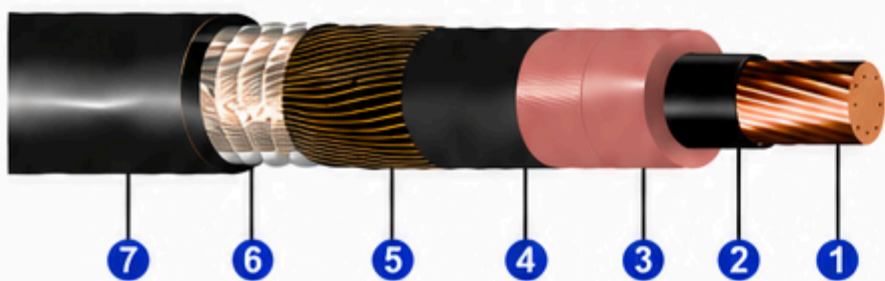
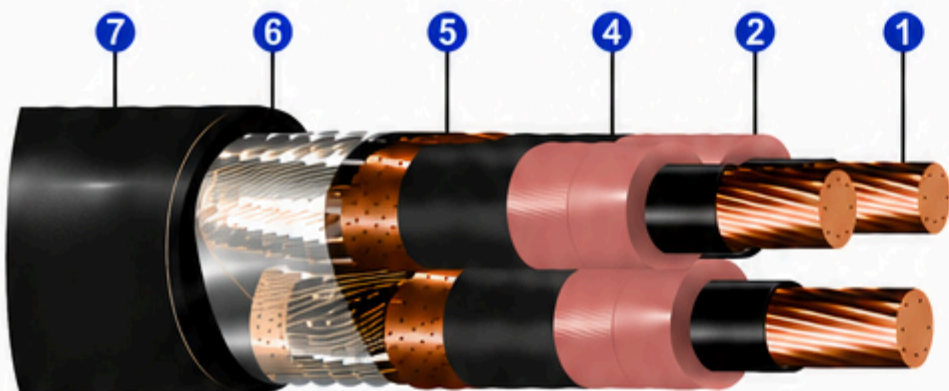


#### Single



#### 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 helicallly 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.

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#### 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.

### CABLE EPRONAX 105 (3.6/6 kV) FULL INSULATION

Reference	Conductor		Insulation		Number of conductors	Outer sheath		Total weight (kg/km)
	Nominal cross section (mm <sup>2</sup> )	Nominal diameter (mm)	Nominal thickness (mm)	Nominal diameter (mm)		Nominal thickness (mm)	Nominal diameter (mm)	
3701.01.012	10	3,80	3,0	11,0	1	1,4	16,4	394
3701.03.012					3	1,9	35,0	1.470
3701.01.013	16	4,80		12,0	1	1,4	17,4	462
3701.03.013					3	2,0	37,3	1.730
3701.01.014	25	6,00		13,2	1	1,4	18,6	572
3701.03.014					3	2,1	40,1	2.125
3701.01.015	35	7,10		14,3	1	1,4	19,7	686
3701.03.015					3	2,1	42,5	2.517
3701.01.016	50	8,30		15,5	1	1,4	20,9	820
3701.03.016					3	2,2	45,3	2.998
3701.01.017	70	9,60		16,8	1	1,5	22,4	1.052
3701.03.017					3	2,3	48,7	3.797
3701.01.018	95	11,3		18,5	1	1,5	24,1	1.301
3701.03.018					3	2,5	52,8	4.691
3701.01.019	120	12,7		19,9	1	1,6	25,7	1.558
3701.03.019					3	2,6	56,0	5.543
3701.01.020	150	13,8		21,0	1	1,6	26,8	1.825
3701.03.020					3	2,7	59,0	6.498
3701.01.021	185	15,5		22,7	1	1,7	28,7	2.195
3701.03.021					3	2,8	62,8	7.722
3701.01.022	240	18,4		25,6	1	1,8	31,8	2.777
3701.03.022					3	3,0	69,5	9.717
3701.01.023	300	20,5		27,7	1	1,9	34,1	3.376
3701.03.023					3	3,2	74,4	11.717
3701.01.024	400	23,3	30,5	1	2,0	37,1	4.192	
3701.03.024				3	3,4	80,9	14.448	
3701.01.025	500	26,4	34,0	1	2,1	40,8	5.361	
3701.03.025				3	3,7	89,0	18.381	