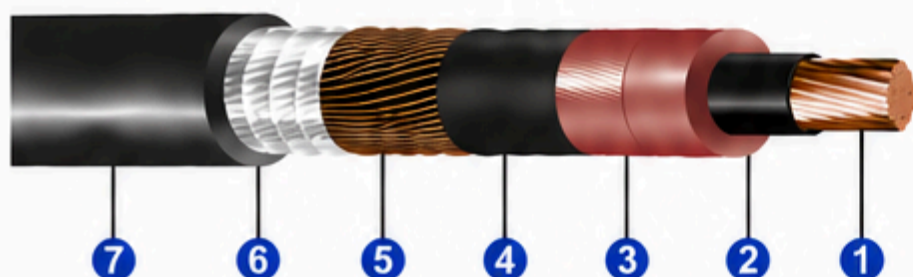


CABLE EPRONAX 105

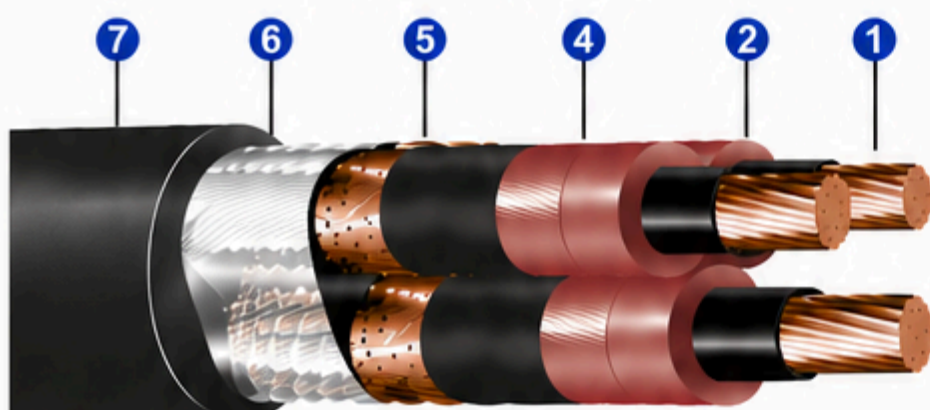
12/20 kV

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 (12/20 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)	
3707.01.015	35	7,10	5,5	19,3	1	1,6	25,1	914
3707.03.015					3	2,5	54,1	3.497
3707.01.016	50	8,30		20,5	1	1,6	26,3	1.060
3707.03.016					3	2,6	56,9	4.036
3707.01.017	70	9,60		21,8	1	1,7	27,8	1.308
3707.03.017					3	2,7	60,3	4.909
3707.01.018	95	11,3		23,5	1	1,7	29,5	1.574
3707.03.018					3	2,8	64,2	5.859
3707.01.019	120	12,7		24,9	1	1,8	31,1	1.847
3707.03.019					3	3,0	67,6	6.808
3707.01.020	150	13,8		26,0	1	1,8	32,2	2.125
3707.03.020					3	3,1	70,6	7.827
3707.01.021	185	15,5	27,7	1	1,9	34,1	2.514	
3707.03.021				3	3,2	74,4	9.132	
3707.01.022	240	18,4	30,6	1	2,0	37,2	3.128	
3707.03.022				3	3,4	81,1	11.266	
3707.01.023	300	20,5	32,7	1	2,0	39,3	3.732	
3707.03.023				3	3,6	86,0	13.370	
3707.01.024	400	23,3	35,5	1	2,1	42,3	4.577	
3707.03.024				3	3,8	92,5	16.236	
3707.03.025	500	26,4	38,6	3	4,0	99,6	20.142	