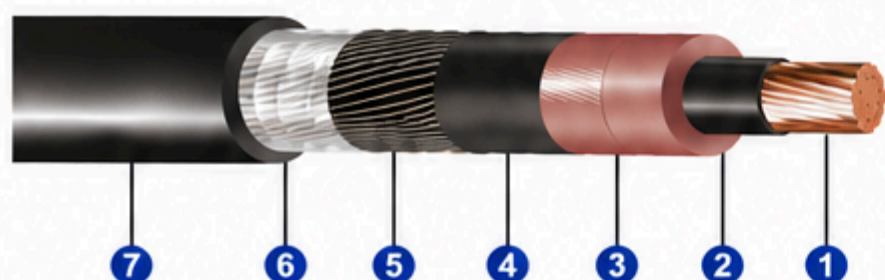


CABLE EPRONAX SLIM 105

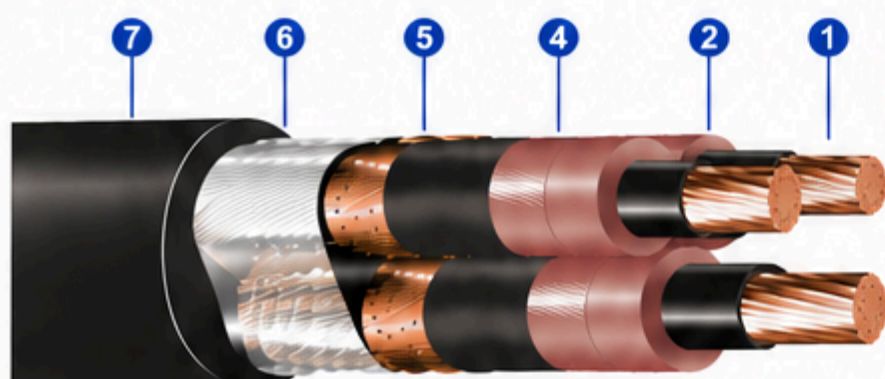
20/35 kV

COORDINATED 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 insulation.
- 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 SLIM 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 EPR (HEPR or EPR 105) extruded insulation for rated voltages from 1 kV to 35 kV – Requirements.

CABLE EPRONAX SLIM 105 (20/35 kV) COORDINATED 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)	
3710.01.016	50	8,30	8,2	25,9	1	1,8	32,1	1379
3710.03.016					3	3,0	68,9	5378
3710.01.017	70	9,60	7,5	25,8	1	1,8	32,0	1543
3710.03.017					3	3,0	69,4	5957
3710.01.018	95	11,3	6,5	27,5	1	1,9	33,9	1837
3710.03.018					3	3,2	73,6	7014
3710.01.019	120	12,7	6,5	28,9	1	1,9	35,3	2108
3710.03.019					3	3,3	76,8	7988
3710.01.020	150	13,8	6,5	30,0	1	1,9	36,4	2395
3710.03.020					3	3,4	79,8	9058
3710.01.021	185	15,5	6,5	29,7	1	1,9	36,1	2644
3710.03.021					3	3,3	78,9	9742
3710.01.022	240	18,4	6,5	32,6	1	2,0	39,2	3269
3710.03.022					3	3,6	85,8	11970
3710.01.023	300	20,5	6,5	34,7	1	2,1	41,5	3900
3710.03.023					3	3,7	90,5	14074
3710.01.024	400	23,3	6,5	37,5	1	2,2	44,5	4757
3710.03.024					3	3,9	97,0	16992
3710.01.025	500	26,4	6,5	40,6	1	2,3	47,8	5941
3701.03.025					3	4,2	104	21003