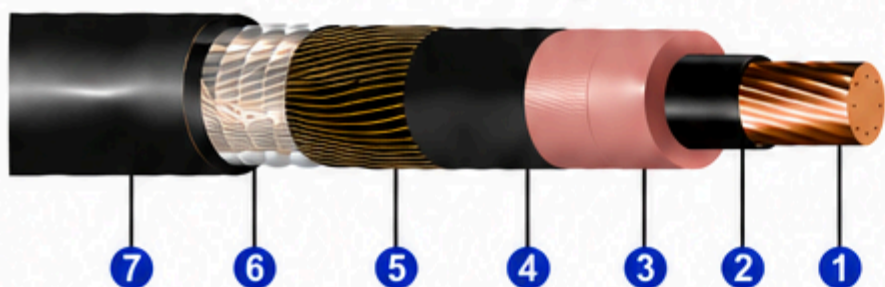


CABLE EPRONAX SLIM 105

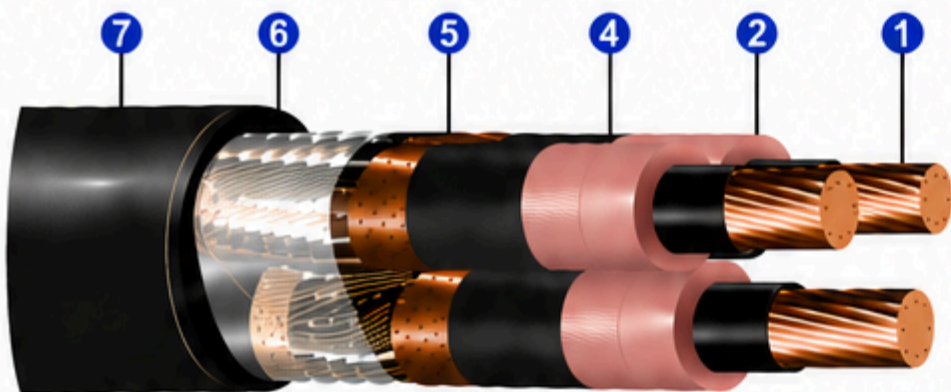
15/25 kV

COORDINATED 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 SLIM 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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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.

CABLE EPRONAX SLIM 105 (15/25 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)	
3708.01.015	35	7,10	6,2	20,7	1	1,6	26,5	981
3708.03.015					3	2,6	57,3	3811
3708.01.016	50	8,30	5,5	20,5	1	1,6	26,3	1060
3708.03.016					3	2,6	56,4	4003
3708.01.017	70	9,60	21,8	21,8	1	1,7	27,8	1306
3708.03.017					3	2,7	60,2	4901
3708.01.018	95	11,3	23,5	23,5	1	1,7	29,5	1574
3708.03.018					3	2,8	64,2	5859
3708.01.019	120	12,7	24,9	24,9	1	1,8	31,1	1847
3708.03.019					3	3,0	67,6	6808
3708.01.020	150	13,8	26,0	26,0	1	1,8	32,2	2125
3708.03.020					3	3,1	70,6	7827
3708.01.021	185	15,5	27,7	27,7	1	1,9	34,1	2514
3708.03.021					3	3,2	74,4	9132
3708.01.022	240	18,4	29,6	29,6	1	1,9	36,0	3043
3708.03.022					3	3,3	78,7	10930
3708.01.023	300	20,5	32,5	32,5	1	2,0	38,3	3660
3708.03.023					3	3,5	83,7	13012
3708.01.024	400	23,3	34,5	34,5	1	2,1	41,3	4499
3708.03.024					3	3,7	90,1	15851
3708.01.025	500	26,4	37,6	37,6	1	2,2	44,6	5664
3708.03.025					3	3,9	97,2	19727