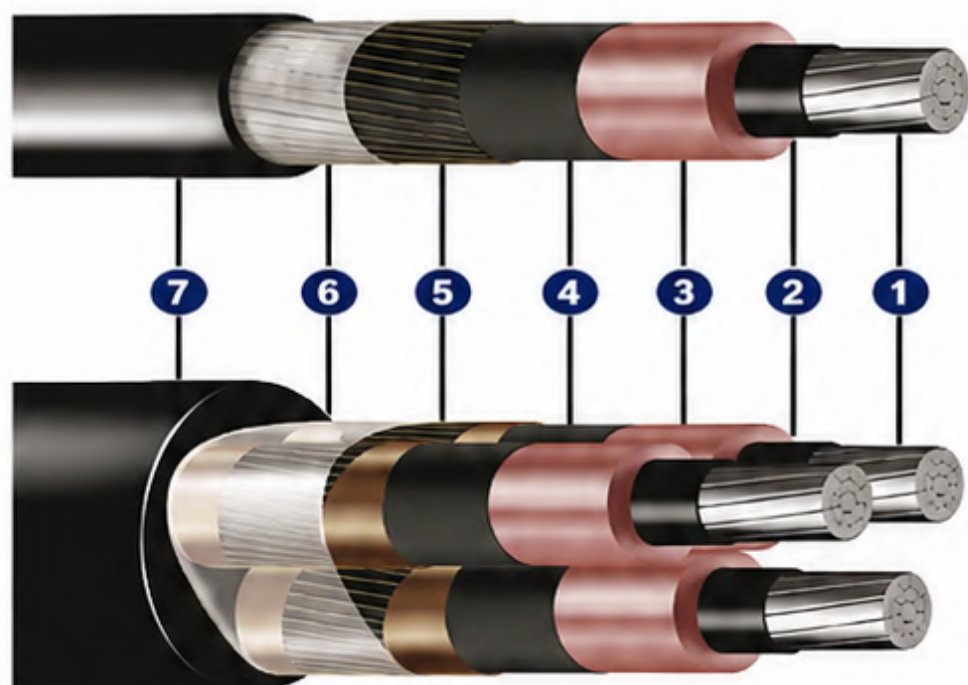


CABLE **EPRONAX** AL 105

8,7/15 kV

FULL INSULATION



CONSTRUCTION

- 1 Conductor:** Plain aluminum, 1350 alloy, compact circular stranded (Class 2)
- 2 Conductor Shield:** Semiconducting thermosetting compound.
- 3 Insulation:** EPR 105 °C rubber-based thermosetting compound.
- 4 Insulation Shield:** Cold-strippable semiconducting thermosetting compound.
- 5 Metallic Shield:** Bare copper wires.
- 6 Separator:** Non-hygroscopic polyester tape, helically applied covering 100% of the cable.
- 7 Outer Sheath:** PVC ST2 polyvinyl chloride compound.

IDENTIFICATION

Cables with 3 conductors, core identification by means of colored tapes in white, blue and red.

APPLICATION

The advanced technology used in the manufacture of **EPRONAX AL 105 CABLES** provides an excellent technical and economical alternative for power supply and distribution circuits in residential or industrial buildings, substations, etc. They can be installed in the open air, in ducts, cable trays or directly buried.

PACKAGING

They are normally supplied on wooden reels.

STANDARDS

ABNT NBR 7286 Power cables with extruded ethylene propylene rubber (EPR, HEPR or EPR 105) insulation for voltages from 1 kV to 35 kV – Requirements.

Reference	Conductor		Insulation		Number of Conductors	Sheath		Total Weight (kg/km)
	Nominal Cross-sectional Area (mm²)	Nominal Diameter (mm)	Nominal Thickness (mm)	Nominal Diameter (mm)		Nominal Thickness (mm)	Nominal Diameter (mm)	
3717.01.014	25	6.0	4.5	16.2	1	1.5	21.8	544
3717.03.014					3	2.3	47.0	2196
3717.01.015	35	7.1		17.3	1	1.5	22.9	601
3717.03.015					3	2.4	49.6	2450
3717.01.016	50	8.3		18.5	1	1.5	24.1	668
3717.03.016					3	2.5	52.4	2744
3717.01.017	70	9.9		20.1	1	1.6	25.9	781
3717.03.017					3	2.6	56.4	3225
3717.01.018	95	11.8		22.0	1	1.7	28.0	919
3717.03.018					3	2.7	60.7	3756
3717.01.019	120	13.2		23,4	1	1.7	29,4	1026
3717.03.019					3	2.8	63.9	4208
3717.01.020	150	14,8		25.0	1	1.8	31.2	1159
3717.03.020					3	3.0	68.2	4813
3717.01.021	185	16.3		26.5	1	1.8	32.7	1302
3717.03.021					3	3.1	71.6	5401
3717.01.022	240	18.5		28.7	1	1.9	35.1	1534
3717.03.022					3	3.3	76.8	6318
3717.01.023	300	20.5		30.7	1	2.0	37.3	1770
3717.03.023					3	3.4	81.3	7203
3717.01.024	400	23.3		33.5	1	2.1	40.3	2100
3717.03.024					3	3.6	87.8	8503
3717.01.025	500	26.2		36.4	1	2.2	43.4	2499
3717.03.025					3	3.8	94.4	10048