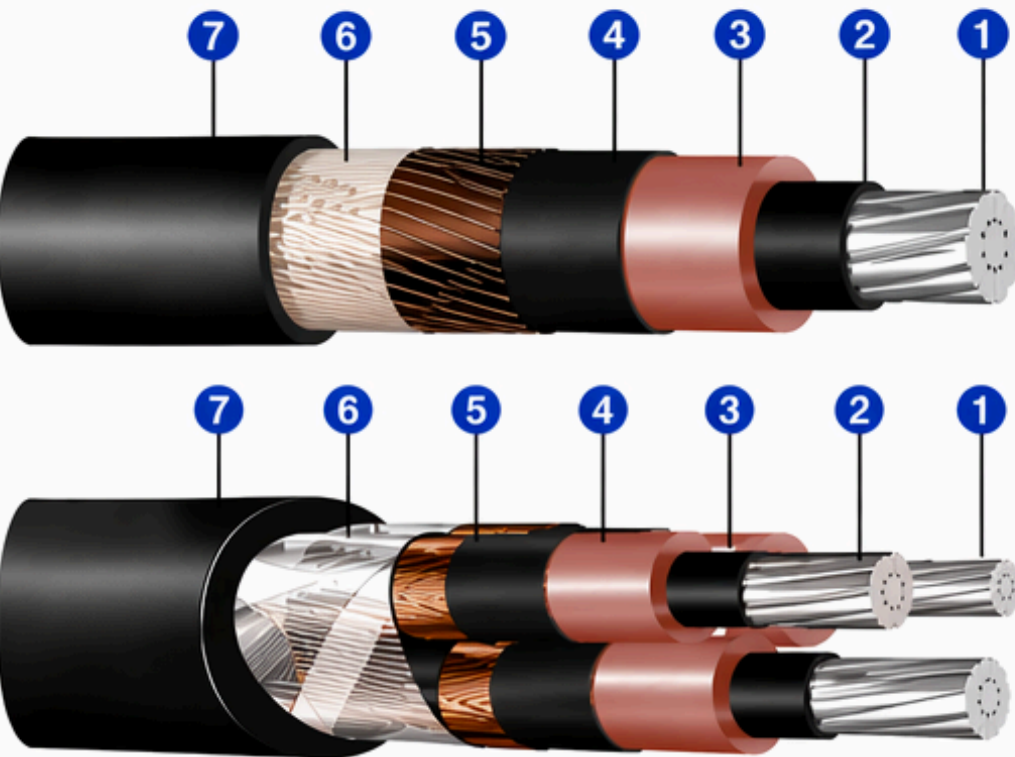


EPRONAX AL SLIM 105 CABLE

20/35 kV

COORDINATED INSULATION



CONSTRUCTION

- 1 Conductor:** Bare aluminum, alloy 1350, compacted circular stranded (Class 2).
- 2 Conductor Shield:** Thermosetting semiconducting compound.
- 3 Insulation:** Thermosetting EPR rubber compound 105°C.
- 4 Insulation Shield:** Layer of thermosetting semiconducting compound, easy cold stripping.
- 5 Metallic Shield:** Bare copper wires.
- 6 Separator:** Non-hygroscopic polyester tape, helically applied, covering 100% of the cable.
- 7 Jacket:** Polyvinyl chloride compound PVC ST2.

IDENTIFICATION

Cables with 3 conductors, identified by colored ribbons in the following colors: white, blue and red.

APPLICATION

The modern technology used in the manufacturing of **EPRONAX AL SLIM 105 CABLES** provides an excellent technical and economical solution for service entrance circuits and/or power distribution in residential or industrial buildings, substations, etc.

They can be installed outdoors, in conduits, ducts, on trays or directly buried.

PACKAGING

Normally supplied on wooden reels.

SPECIFICATIONS

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

EPRONAX AL SLIM 105 CABLE (20/35 kV) – COORDINATED INSULATION

Reference	Conductor		Insulation		Number of conductors	Jacket		Total Weight (kg/km)
	Nominal Cross-sectional Area (mm ²)	Nominal Diameter (mm)	Nominal Thickness (mm)	Nominal Diameter (mm)		Nominal Thickness (mm)	Nominal Diameter (mm)	
3722.01.016	50	8,30	8,2	25,9	1	1,8	32,1	1.091
3722.03.016					3	3,0	69,3	4.558
3722.01.017	70	9,90	7,5	26,1	1	1,8	32,3	1.131
3722.03.017					3	3,0	70,2	4.757
3722.01.018	95	11,8	7,5	28,0	1	1,9	34,4	1.131
3722.03.018					3	3,2	74,7	5.428
3722.01.019	120	13,2	7,5	29,4	1	1,9	35,8	1.417
3722.03.019					3	3,3	77,9	5.961
3722.01.020	150	14,8	7,5	31,0	1	2,0	37,6	1.572
3722.03.020					3	3,4	82,0	6.639
3722.01.021	185	16,3	7,5	30,5	1	2,0	37,1	1.592
3722.03.021					3	3,4	80,9	6.650
3722.01.022	240	18,5	6,5	32,7	1	2,0	39,3	1.826
3722.03.022					3	3,6	86,0	7.652
3722.01.023	300	20,5	6,5	34,7	1	2,1	41,5	2.079
3722.03.023					3	3,7	90,5	8.612
3722.01.024	400	23,3	6,5	37,5	1	2,2	44,5	2.432
3722.03.024					3	3,9	97,0	10.019
3722.01.025	500	26,2	6,5	40,4	1	2,3	47,6	2.856
3722.03.025					3	4,1	104	11.675

Normally supplied on wooden reels.