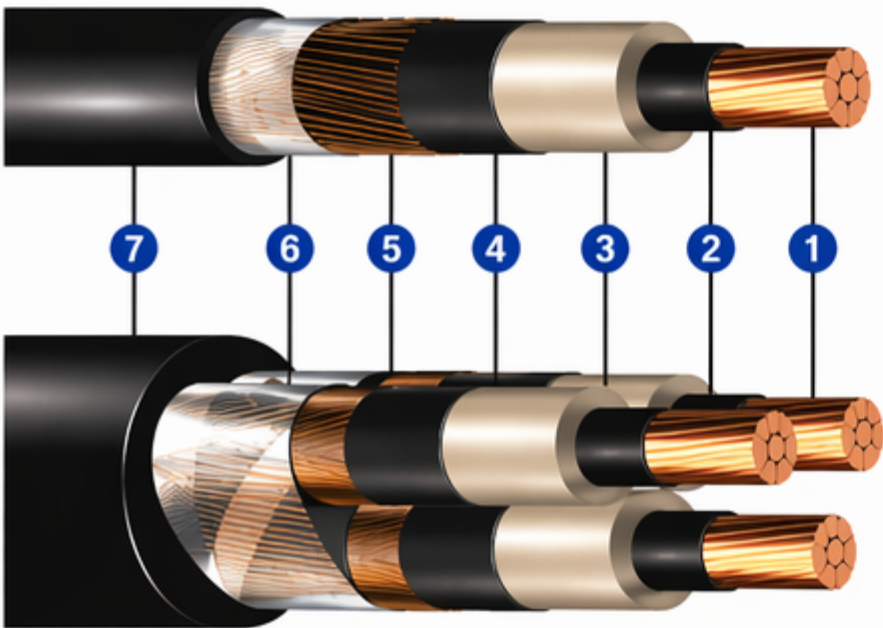


EPRONAX SLIM 105 CABLE

6/10 kV

COORDINATED INSULATION



IDENTIFICATION

Cables with 3 conductors, identified by colored ribbons in white, blue and red.

APPLICATION

The modern technology used in the manufacturing of **EPRONAX SLIM 105 CABLES** provides an excellent technical and highly economical solution for service entrance and/or distribution circuits in residential or industrial buildings, substations, etc. They can be installed outdoors, in conduits, in 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.

- 1 Conductor:** Bare electrolytic copper, soft annealed, 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.

EPRONAX SLIM 105 CABLE (6/10 kV) – COORDINATED INSULATION

Reference	Conductor		Insulation		Number of Conductors	Jacket		Total Weight (kg/km)
	Nominal Cross-sectional Area (mm²)	Nominal Diameter (mm)	Nominal Thickness (mm)	Nominal Diameter (mm)		Nominal Thickness (mm)	Nominal Diameter (mm)	
3702.01.013	16	4,80	2,5	11,0	1	1,4	16,4	431
3702.03.013					3	1,9	35,0	1.581
3702.01.014	25	6,00		12,2	1	1,4	17,6	538
3702.03.014					3	2,0	37,7	1.965
3702.01.015	35	7,10		13,3	1	1,4	18,7	650
3702.03.015					3	2,1	40,3	2.365
3702.01.016	50	8,30		14,5	1	1,4	19,9	782
3702.03.016					3	2,2	43,1	2.835
3702.01.017	70	9,60		15,8	1	1,4	21,2	1.002
3702.03.017					3	2,3	46,5	3.621
3702.01.018	95	11,3		17,5	1	1,5	23,1	1.257
3702.03.018					3	2,4	50,4	4.476
3702.01.019	120	12,7		18,9	1	1,6	24,7	1.512
3702.03.019					3	2,5	53,6	5.314
3702.01.020	150	13,8		20,0	1	1,6	25,8	1.777
3702.03.020					3	2,6	56,6	6.256
3702.01.021	185	15,5		21,7	1	1,7	27,7	2.143
3702.03.021					3	2,7	60,5	7.463
3702.01.022	240	18,4	2,8	25,2	1	1,8	31,4	2.754
3702.03.022					3	3,0	68,6	9.614
3702.01.023	300	20,5		27,3	1	1,8	33,5	3.336
3702.03.023					3	3,2	73,6	11.606
3702.01.024	400	23,3		30,1	1	1,9	36,5	4.148
3702.03.024					3	3,4	80,0	14.328
3702.01.025	500	26,4		33,2	1	2,1	40,0	5.301
3702.03.025					3	3,6	87,1	18.075