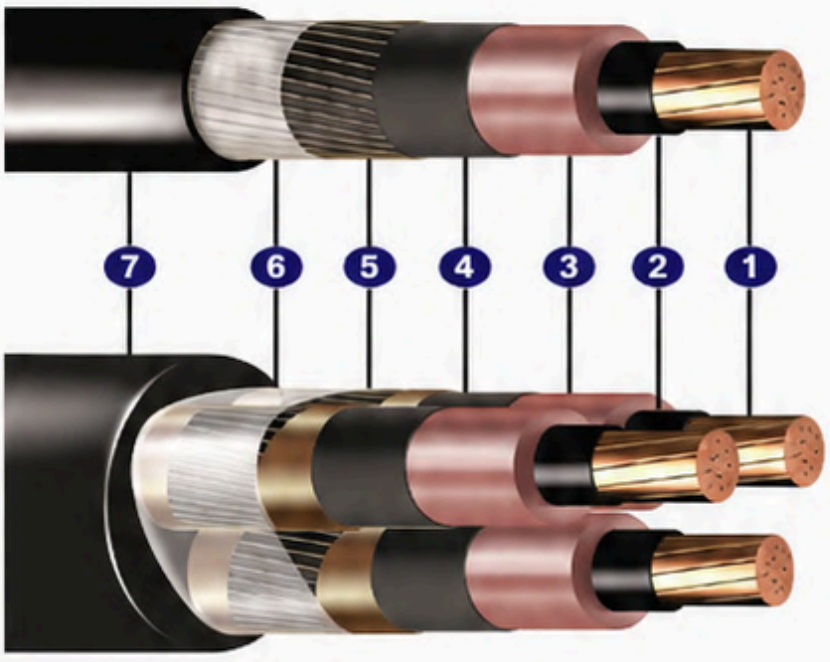
INDUSCABOS
CONDUTORES ELÉTRICOS
A escolha de quem conhece

EPRONAX SLIM 105 CABLE 6/10 kV

COORDINATED INSULATION



CONSTRUCTION

1. **Conductor:** Bare electrolytic copper, soft temper, compacted circular stranded (Class 2)
2. **Conductor Shield:** Semiconducting thermosetting compound.
3. **Insulation:** EPR 105 °C rubber compound.
4. **Insulation Shield:** Semiconducting thermosetting compound layer, easy to remove in cold.
5. **Metallic Shield:** Bare copper wires.
6. **Separator:** Non-hygroscopic polyester tape, applied helically covering 100% of the cable.
7. **Sheath:** Lead-free PVC compound ST2.

IDENTIFICATION

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

APPLICATION

The modern technology used in the manufacture of ***EPRONAX SLIM 105 CABLES*** provides an excellent technical and economic alternative for power supply and/or distribution circuits in residential or industrial buildings, substations, etc. They can be installed outdoors, in conduits, cable trays or directly buried.

PACKAGING

They are normally supplied on wooden reels.

STANDARDS

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

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

INDUSCABOS CONDUTORES ELÉTRICOS
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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)	
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