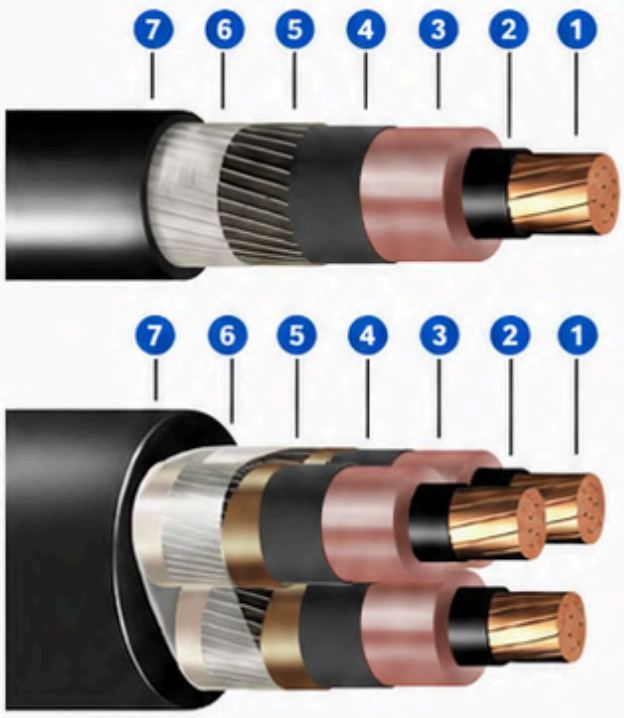
INDUSCABOS
CONDUTORES ELÉTRICOS
A escolha de quem conhece

CABLE EPRONAX SLIM 105

3,6/6 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, black and red.

APPLICATION

The modern technology used in the manufacture of ***EPRONAX SLIM 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 outdoors, 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 insulation (EPR, HEPR or EPR 105) for voltages from 1 kV to 35 kV – Performance requirements.

CABLE EPRONAX SLIM 105 (3.6/6 kV) COORDINATED INSULATION

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Reference	Conductor		Insulation		Number of conductors	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)	
3700.01.014	25	6.00	2.5	12.2	1	1.4	17.6	538
3700.03.014					3	2.0	37.7	1965
3700.01.015	35	7.10		13.3	1	1.4	18.7	650
3700.03.015					3	2.1	40.3	2365
3700.01.016	50	8.30		14.5	1	1.4	19.9	782
3700.03.016					3	2.2	43.1	2835
3700.01.017	70	9.60		15.8	1	1.4	21.2	1002
3700.03.017					3	2.3	46.5	3621
3700.01.018	95	11.3		17.5	1	1.5	23.1	1257
3700.03.018					3	2.4	50.4	4476
3700.01.019	120	12.7		18.9	1	1.6	24.7	1512
3700.03.019					3	2.5	53.6	5314
3700.01.020	150	13.8		20.0	1	1.6	25.8	1777
3700.03.020					3	2.6	56.6	6256
3700.01.021	185	15.5		21.7	1	1.7	27.7	2143
3700.03.021					3	2.7	60.5	7463
3700.01.022	240	18.4	2.8	25.2	1	1.8	31.4	2754
3700.03.022					3	3.0	68.6	9614
3700.01.023	300	20.5		27.3	1	1.8	33.5	3336
3700.03.023					3	3.2	73.6	11606
3700.01.024	400	23.3		30.1	1	1.9	36.5	4148
3700.03.024					3	3.4	80.0	14328
3700.01.025	500	26.4		33.2	1	2.1	40.0	5301
3700.03.025					3	3.6	87.1	18075