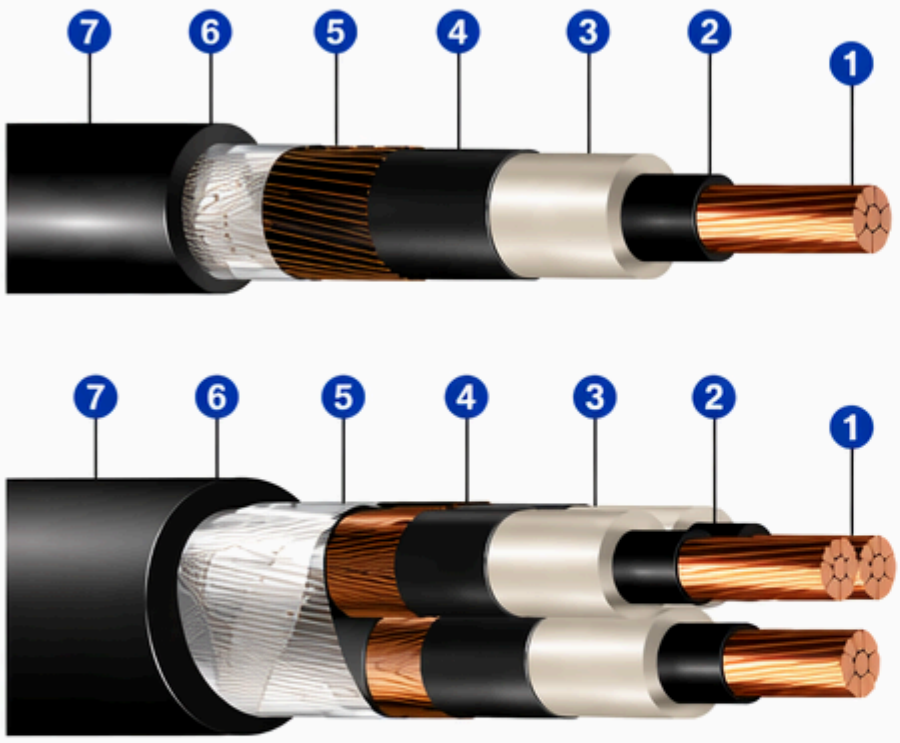
INDUSCABOS
CONDUTORES ELÉTRICOS
A escolha de quem conhece

EPRONAX SLIM 105 CABLE
3.6/6 kV
COORDINATED INSULATION



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.

IDENTIFICATION

Cables with 3 conductors, identification of cores by colored ribbons in white, black and red.

APPLICATION

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

EPRONAX SLIM 105 CABLE 3.6/6 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)	
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
3700.01.120	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