



CONSTRUCTION

- 1 Conductor:** Bare aluminum, alloy 1350, compacted circular stranded (Class 2).
- 2 Conductor Shield:** Thermosetting semiconducting compound.
- 3 Insulation:** Thermosetting cross-linked polyethylene compound (XLPE) – 90°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

INDULINK cables are used in:

- Service entrance circuits
- Power distribution systems
- Residential and industrial buildings
- Substations

They can be installed:

- Outdoors
- In conduits
- In ducts
- On trays
- Or directly buried

PACKAGING

Normally supplied on wooden reels.

SPECIFICATIONS

ABNT NBR 7287

Power cables with extruded cross-linked polyethylene insulation (XLPE) for voltages from 1 kV to 35 kV – Performance requirements.

INDULINK AL CABLE (15/25 kV)

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)	
1395.01.016	50	8,3	6,8	23,1	1	1,7	29,1	842
1395.03.016					3	2,8	62,9	3.578
1395.01.017	70	9,9		24,7	1	1,8	30,9	965
1395.03.017					3	2,9	66,9	4.115
1395.01.018	95	11,8		26,6	1	1,8	32,8	1.098
1395.03.018					3	3,1	71,5	4.733
1395.01.019	120	13,2		28,0	1	1,9	34,4	1.227
1395.03.019					3	3,2	74,7	5.228
1395.01.020	150	14,8		29,6	1	1,9	36,0	1.353
1395.03.020					3	3,3	78,7	5.859
1395.01.021	185	16,3		31,1	1	2,0	37,7	1.519
1395.03.021					3	3,4	82,2	6.491
1395.01.022	240	18,5	33,3	1	2,1	40,1	1.764	
1395.03.022				3	3,6	87,3	7.474	
1395.01.023	300	20,5	35,5	1	2,1	42,1	1.991	
1395.03.023				3	3,8	92,0	8.458	
1395.01.024	400	23,3	38,1	1	2,2	45,1	2.335	
1395.03.024				3	4,0	98,5	9.843	
1395.01.025	500	26,2	41,0	1	2,3	48,2	2.748	
1395.03.025				3	4,2	105	11.477	