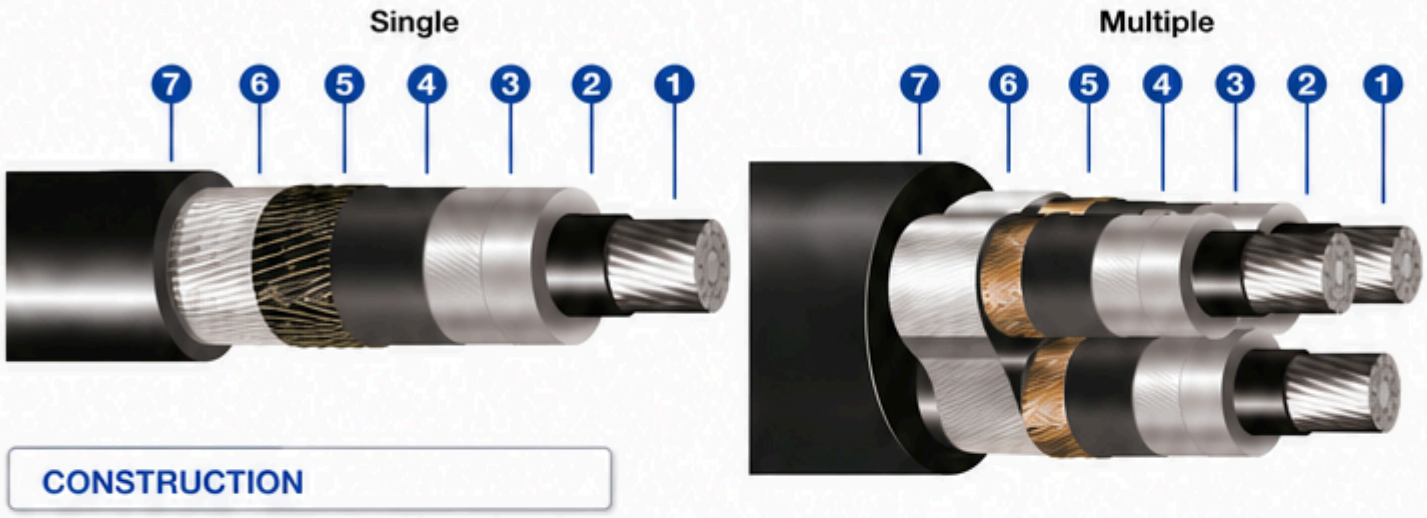
CABLE INDULINK AL
8.7/15 kV
MEDIUM VOLTAGE



CONSTRUCTION

1. **Conductor:** Bare aluminum, alloy 1350, circular compacted stranded (Class 2).
2. **Conductor Shield:** Semi-conducting thermoset compound.
3. **Insulation:** Crosslinked polyethylene (XLPE) thermoset compound 90 °C.
4. **Insulation Shield:** Semi-conducting thermoset compound layer, easy to remove when cold.
5. **Metallic Shield:** Bare copper wires.
6. **Separator:** Non-hygroscopic polyester tape, applied helically covering 100 % of the cable.
7. **Outer Sheath:** Polyvinyl chloride (PVC) ST2 compound.

IDENTIFICATION

Cables with 3 conductors, cores identification by means of tape in the colors white, blue and red.

APPLICATION

INDULINK CABLES are used in service entrance and/or distribution circuits in residential or industrial buildings, substations, etc. They can be installed outdoors, in conduits, ducts, trays or directly buried.

PACKAGING

They are normally supplied on wooden drums.

STANDARDS

ABNT NBR 7287 Power cables with crosslinked polyethylene (XLPE) insulation for rated voltages from 1 kV to 35 kV – Performance requirements.

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Reference	Conductor		Insulation		Number of conductors	Outer 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)	
1393.01.015	35	7,1	4,5	17,3	1	1,5	22,9	561
1393.03.015					3	2,4	49,6	2.330
1393.01.016	50	8,3		18,5	1	1,5	24,1	625
1393.03.016					3	2,5	52,4	2.613
1393.01.017	70	9,9		20,1	1	1,6	25,9	733
1393.03.017					3	2,6	56,4	3.079
1393.01.018	95	11,8		22,0	1	1,7	28,0	864
1393.03.018					3	2,7	60,7	3.593
1393.01.019	120	13,2		23,4	1	1,7	29,4	967
1393.03.019					3	2,8	63,9	4.032
1393.01.020	150	14,8		25,0	1	1,8	31,2	1.095
1393.03.020					3	3,0	68,2	4.621
1393.01.021	185	16,3		26,5	1	1,8	32,7	1.234
1393.03.021					3	3,1	71,6	5.196
1393.01.022	240	18,5		28,7	1	1,9	35,1	1.459
1393.03.022					3	3,3	76,8	6.092
1393.01.023	300	20,5		30,7	1	2,0	37,3	1.688
1393.03.023					3	3,4	81,3	6.958
1393.01.024	400	23,3		33,5	1	2,1	40,3	2.009
1393.03.024					3	3,6	87,8	8.232
1393.01.025	500	26,2		36,4	1	2,2	43,4	2.400
1393.03.025					3	3,8	94,4	9.751