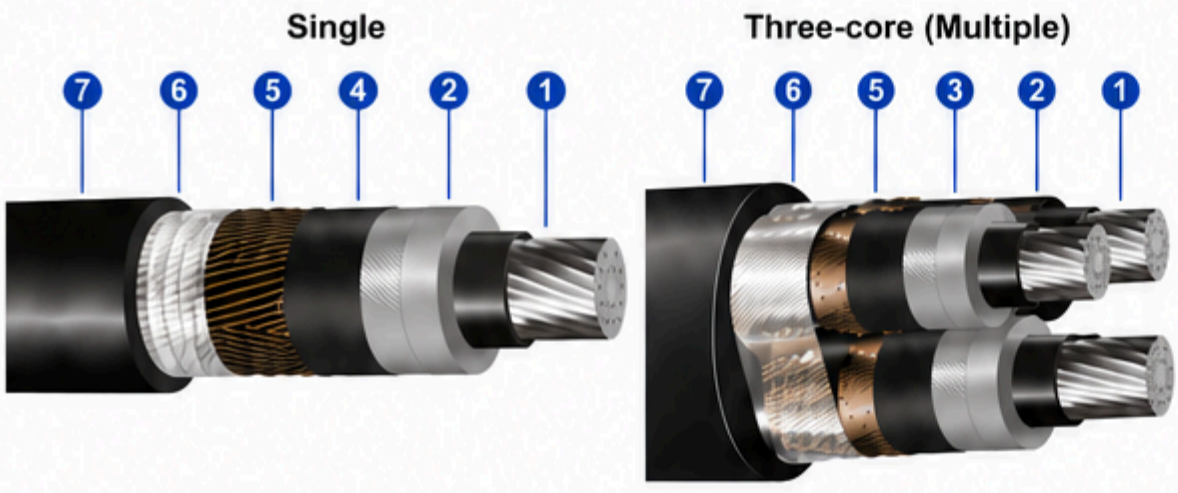
CABLE INDULINK AL 3.6/6 kV

COORDINATED INSULATION



CONSTRUCTION

1. **Conductor:** Bare aluminum, alloy 1350, circular compacted stranded (Class 2)
2. **Conductor Shield:** Semi-conducting thermoset compound.
3. **Insulation:** 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 cross-linked polyethylene (XLPE) extruded insulation for rated voltages from 1 kV to 35 kV – Performance requirements.

CABLE INDULINK AL (3.6/6 kV)

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)	
3713.01.012	10	3,8	2,5	10,0	1	1,4	15,4	287
3713.03.012					3	1,8	32,6	1.102
3713.01.013	16	4,8		11,0	1	1,4	16,4	323
3713.03.013					3	1,9	35,0	1.258
3713.01.014	25	6,0		12,2	1	1,4	17,6	371
3713.03.014					3	2,0	37,7	1.464
3713.01.015	35	7,1		13,3	1	1,4	18,7	418
3713.03.015					3	2,1	40,3	1.669
3713.01.016	50	8,3		14,5	1	1,4	19,9	474
3713.03.016					3	2,2	43,1	1.911
3713.01.017	70	9,9		16,1	1	1,5	21,7	570
3713.03.017					3	2,3	47,2	2.314
3713.01.018	95	11,8		18,0	1	1,5	23,6	677
3713.03.018					3	2,4	51,5	2.765
3713.01.019	120	13,2		19,4	1	1,6	25,2	782
3713.03.019					3	2,5	54,7	3.156
3713.01.020	150	14,8		21,0	1	1,6	26,8	886
3713.03.020					3	2,7	59,0	3.679
3713.01.021	185	16,3		22,5	1	1,7	28,5	1.027
3713.03.021					3	2,8	62,4	4.202
3713.01.022	240	18,5	2,6	24,9	1	1,8	31,1	1.246
3713.03.022					3	3,0	68,0	5.067
3713.01.023	300	20,5	2,8	27,3	1	1,8	33,5	1.468
3713.03.023					3	3,2	73,6	6.002
3713.01.024	400	23,3	3,0	30,5	1	2,0	37,1	1.810
3713.03.024					3	3,4	80,9	7.304
3713.01.025	500	26,2	3,2	33,8	1	2,1	40,6	2.211
3713.03.025					3	3,6	88,4	8.868