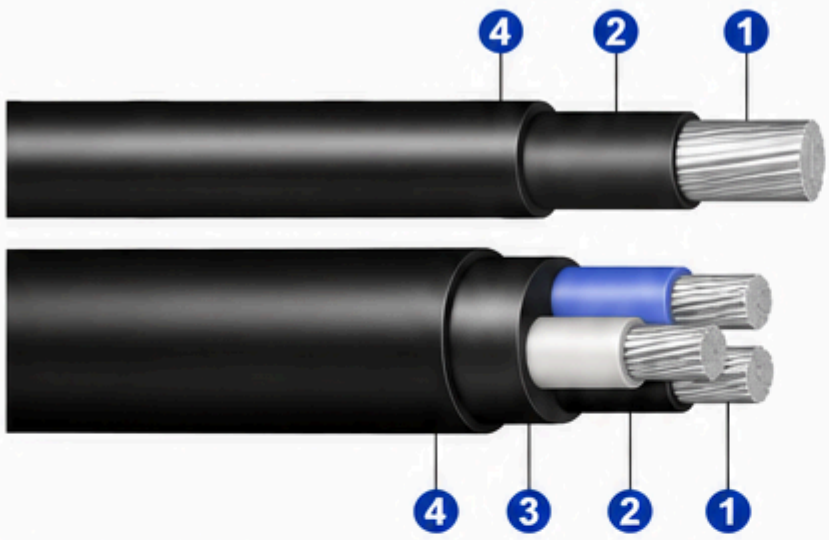
iNDUSCABOS
CONDUTORES ELÉTRICOS
A escolha de quem conhece

CABLE INDULINK AL – 0.6/1 kV

ALUMINUM INSULATED CABLES 0.6/1 kV



APPLICATION

INDULINK-AL cables are used in power supply and distribution circuits up to 1 kV. They are designed for fixed installations and can be installed outdoors, in ducts formed in building structures, in cable trays, raceways, shelves or directly buried in industrial facilities with installed power equal to or greater than 50 kW and whose installation and maintenance are carried out by qualified personnel.

INDULINK-AL CABLES shall only be installed in accordance with ABNT NBR 5410.

PACKAGING

Normally supplied on wooden reels.

STANDARDS

NBR 7287 – Power cables with solid extruded cross-linked polyethylene (XLPE) insulation for rated voltages from 1 kV to 35 kV.

CONSTRUCTION

1. **Conductor:** Bare aluminum, alloy 1350 (EC), compacted circular stranded – Class 2.
2. **Insulation:** Thermoset compound (XLPE) 90°C.
3. **Outer sheath:** Thermoplastic compound (PVC – ST2), black color.

IDENTIFICATION

1 Conductor: Black insulation and outer sheath, light blue and green.
2 Conductors: Black and light blue cores and black outer sheath.
3 Conductors: White, light blue and black cores and black outer sheath.
4 Conductors: White, light blue, black and red cores and black outer sheath.

Multiple-core cables with cross-sectional area of 50 mm² or larger are supplied with numbered white cores.

CABLE INDULINK AL (0.6/1 kV)

Reference	Conductor		Insulation	Number of Conductors	Outer Sheath		Net Weight Nominal (kg/km)
	Nominal Cross Section (mm²)	Nominal Diameter (mm) RN / RC	Nominal Thickness (mm)		Nominal Thickness (mm)	Nominal Diameter (mm)	
1390.01.012	10	3,80 RC	0,7	1	1,0	7,2	64,1
1390.03.012				3	1,0	13,6	237
1390.04.012				4	1,0	15,2	280
1390.01.013	16	4,80 RC		1	1,0	8,2	86,5
1390.03.013				3	1,3	16,0	322
1390.04.013				4	1,3	17,6	385
1390.01.014	25	6,00 RC	0,9	1	1,1	9,8	128
1390.03.014				3	1,4	19,8	466
1390.04.014				4	1,5	22,0	587
1390.01.015	35	7,10 RC	0,9	1	1,1	10,8	161
1390.03.015				3	1,5	22,4	604
1390.04.015				4	1,6	24,9	760
1390.01.016	50	8,30 RC	1,0	1	1,2	12,5	213
1390.03.016				3	1,6	25,6	792
1390.04.016				4	1,7	28,5	998
1390.01.017	70	9,90 RC	1,1	1	1,3	14,2	285
1390.03.017				3	1,7	29,7	1085
1390.04.017				4	1,8	33,0	1370
1390.01.018	95	11,8 RC	1,1	1	1,3	16,5	376
1390.03.018				3	1,9	34,2	1448
1390.04.018				4	2,0	38,0	1827
1390.01.019	120	13,2 RC	1,2	1	1,4	18,2	464
1390.03.019				3	2,1	40,0	1971
1390.04.019				4	2,2	44,3	2463
1390.01.020	150	14,8 RC	1,4	1	1,5	20,4	571
1390.03.020				3	2,2	44,6	2410
1390.04.020				4	2,4	49,5	3037
1390.01.021	185	16,3 RC	1,6	1	1,5	22,6	711
1390.03.021				3	2,3	48,9	2941
1390.04.021				4	2,5	54,0	3712
1390.01.022	240	18,5 RC	1,7	1	1,6	24,4	887
1390.03.022				3	2,5	54,4	3713
1390.04.022				4	2,7	60,5	4692
1390.01.023	300	20,5 RC	1,8	1	1,7	27,3	1095
1390.03.023				3	2,7	59,6	4515
1390.04.023				4	2,9	66,3	5707
1390.01.024	400	25,3 RN	2,0	1	1,8	32,9	1475
1390.01.025	500	28,6 RN	2,2	1	2,0	37,0	1675

RN: Normal Round
RC: Compact Round