



CONSTRUCTION

- 1 Conductor:** Bare aluminum, alloy 1350 (EC), stranded with compact circular section, class 2.
- 2 Insulation:** Thermosetting compound (XLPE) – 90°C.

IDENTIFICATION

INDUGREX-AL cables are supplied in black color.

APPLICATION

INDUGREX-AL cables are used in power supply and electrical energy distribution circuits for voltages up to 1 kV. They are designed for fixed installations and may be installed outdoors.

PACKAGING

Usually supplied on wooden reels.

STANDARDS

INBR 7285 – Power cables with extruded thermosetting polyethylene (XLPE) insulation for voltages of 0.6/1 kV – without sheath.

INDUGREX AL CABLE (0.6/1kV)

Reference	Conductor		Insulation		Total weight (kg/km)
	Nominal cross-section (mm ²)	Nominal diameter (mm)	Nominal thickness (mm)	Nominal diameter (mm)	
1410.01.012	10	3,08 RC	1,6	7,0	50,6
1410.01.013	16	4,8 RC		8,0	70,8
1410.01.014	25	5,75 RC		8,95	99,4
1410.01.015	35	6,75 RC		10,0	129
1410.01.016	50	8,1 RC	2	12,1	181
1410.01.017	70	9,55 RC		13,6	244
1410.01.018	95	11,3 RC		15,3	322
1410.01.019	120	13,2 RC		18,0	418
1410.01.020	150	14,8 RC	2,4	19,6	499
1410.01.021	185	16,4 RC		21,2	607
1410.01.022	240	18,0 RC		22,8	768
1410.01.023	300	20,5 RC		26,1	971
1410.01.024	400	25,3 RC	2,8	30,9	1280
1410.01.025	500	28,6 RC		34,2	1600

RC: Compact Round