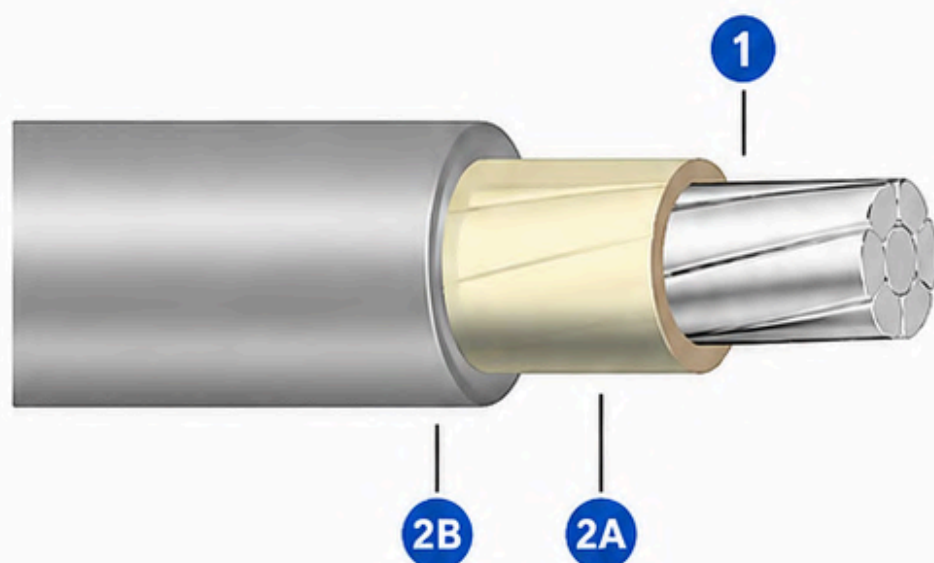


INDUGREX AL TR CABLE

15 kV and 25 kV



CONSTRUCTION

- 1 Conductor:** Bare aluminum, alloy 1350, compacted circular stranded (Class 2), water-blocked against longitudinal water penetration.
- 2A Insulation:** Cross-linked polyethylene (XLPE) thermosetting compound 90 °C.
- 2B Insulation:** Cross-linked polyethylene (XLPE) thermosetting compound 90 °C, resistant to weathering, electrical tracking, ultraviolet radiation and mechanical abrasion.
- obs** The two layers of insulation are completely bonded together.

IDENTIFICATION

INDUGREX AL TR CABLES are normally supplied in the color gray.

APPLICATION

Used in overhead power distribution systems at voltages of 15 kV and 25 kV phase to phase, where the installation space is limited. The insulated conductor has a sheath resistant to weathering, ultraviolet radiation, mechanical abrasion and electrical tracking (discharges caused by contact with tree branches and humidity). It can also be used with other cables in a configuration defined by spacers occupying minimum space (compact network), which is very useful in congested areas.

PACKAGING

They are normally supplied on wooden reels.

STANDARDS

ABNT NBR 11873 Power cables with polymeric material for overhead power distribution systems installed on spacers, with voltages from 13.8 kV to 34.5 kV.

INDUGREX AL TR CABLE 15 kV

Reference	Nominal Cross-sectional Area (mm ²)	Nominal Conductor Diameter (mm)	Sheath		Approx. Net Weight (kg/km)
			Nominal Sheath Thickness (mm)	Nominal Outer Diameter (mm)	
1441.01.015	35	7,10	3,0	13,1	185
1441.01.016	50	8,30		14,3	228
1441.01.017	70	9,90		15,9	302
1441.01.018	95	11,8		17,8	388
1441.01.019	120	13,2		19,2	467
1441.01.020	150	14,3		20,3	549
1441.01.021	185	16,3		22,3	671
1441.01.022	240	18,5		24,5	841
1441.01.023	300	20,5		26,5	1019

INDUGREX AL TR CABLE 25 kV

Reference	Nominal Cross-sectional Area (mm ²)	Nominal Conductor Diameter (mm)	Sheath		Approx. Net Weight (kg/km)
			Nominal Sheath Thickness (mm)	Nominal Outer Diameter (mm)	
1443.01.015	35	7,10	4,0	15,1	226
1443.01.016	50	8,30		16,3	273
1443.01.017	70	9,90		17,9	351
1443.01.018	95	11,8		19,8	443
1443.01.019	120	13,2		21,2	526
1443.01.020	150	14,3		22,3	611
1443.01.021	185	16,3		24,3	739
1443.01.022	240	18,5		26,5	916
1443.01.023	300	20,5		28,5	1099