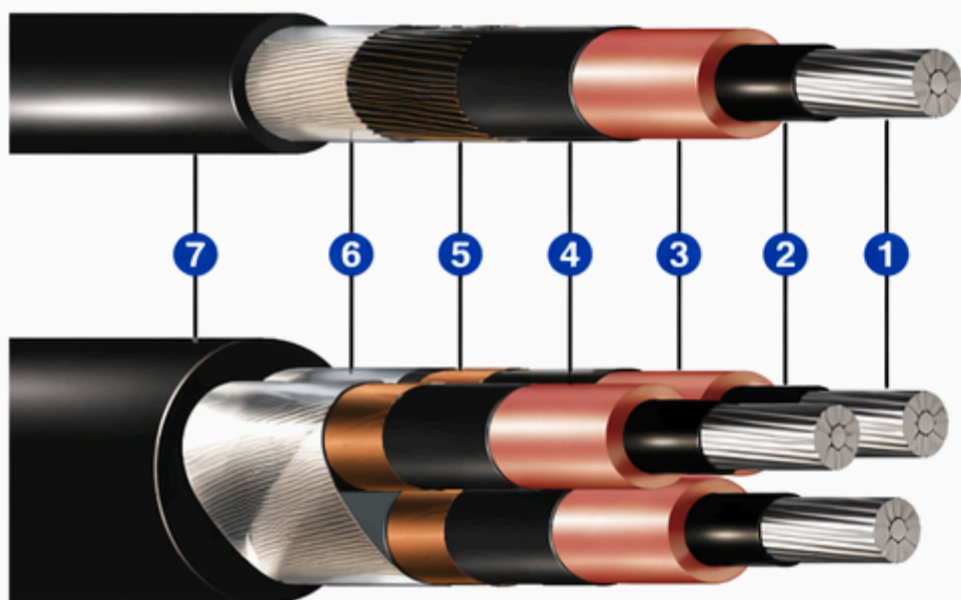


CABLE EPRONAX AL SLIM 105

12/20 kV

COORDINATED INSULATION



CONSTRUCTION

- 1 Conductor:** Bare aluminum, alloy 1350, compacted circular stranded (Class 2).
- 2 Conductor Shield:** Semiconducting thermosetting compound.
- 3 Insulation:** Thermosetting EPR rubber compound 105 °C.
- 4 Insulation Shield:** Semiconducting thermosetting compound layer, easy cold stripping.
- 5 Metallic Shield:** Bare copper wires.
- 6 Separator:** Non-hygroscopic polyester tape, applied helically covering 100% of the cable.
- 7 Jacket:** Polyvinyl chloride compound PVC ST2.

IDENTIFICATION

Cables with 3 conductors, cores identified by means of colored ribbons in white, blue and red.

APPLICATION

The modern technology used in the manufacturing of **EPRONAX AL SLIM 105 CABLES** provides an excellent technical and also very economical alternative for service entrance and/or distribution circuits of residential or industrial buildings, substations, etc. They can be installed outdoors, in conduits, duct systems, trays or directly buried.

PACKAGING

They are normally supplied on wooden reels.

SPECIFICATIONS

ABNT NBR 7286 Power cables with extruded ethylene propylene rubber insulation (EPR, HEPR or EPR 105) for voltages from 1 kV to 35 kV – Requirements

EPRONAX AL SLIM 105 CABLE (12/20 kV) COORDINATED INSULATION

Reference	Conductor		Insulation		Number of conductors	Jacket		Total Weight (kg/km)
	Nominal cross-section (mm ²)	Nominal diameter (mm)	Nominal thickness (mm)	Nominal diameter (mm)		Nominal thickness (mm)	Nominal diameter (mm)	
3718.01.013	16	4,8	5,2	16,4	1	1,5	22,0	539
3718.03.013					3	2,3	47,4	2.194
3718.01.014	25	6,0	4,7	16,6	1	1,5	22,2	560
3718.03.014					3	2,3	47,9	2.266
3718.01.015	35	7,1	4,0	16,3	1	1,5	21,9	559
3718.03.015					3	2,3	47,2	2.249
3718.01.016	50	8,3	4,0	17,5	1	1,5	23,1	624
3718.03.016					3	2,4	50,0	2.531
3718.01.017	70	9,9	4,0	19,1	1	1,6	24,9	734
3718.03.017					3	2,5	54,1	2.994
3718.01.018	95	11,8	4,0	21,0	1	1,6	26,8	855
3718.03.018					3	2,7	58,6	3.534
3718.01.019	120	13,2	4,0	22,4	1	1,7	28,4	972
3718.03.019					3	2,8	61,8	3.974
3718.01.020	150	14,8	4,0	24,0	1	1,7	30,0	1.088
3718.03.020					3	2,9	65,8	4.531
3718.01.021	185	16,3	4,0	25,5	1	1,8	31,7	1.243
3718.03.021					3	3,0	69,3	5.105
3718.01.022	240	18,5	4,0	28,7	1	1,9	35,1	1.534
3718.03.022					3	3,3	76,8	6.318
3718.01.023	300	20,5	4,0	30,7	1	2,0	37,3	1.770
3718.03.023					3	3,4	81,3	7.203
3718.01.024	400	23,3	4,0	33,5	1	2,1	40,3	2.100
3718.03.024					3	3,6	87,8	8.503
3718.01.025	500	26,2	4,0	36,4	1	2,2	43,4	2.499
3718.03.025					3	3,8	94,4	10.048