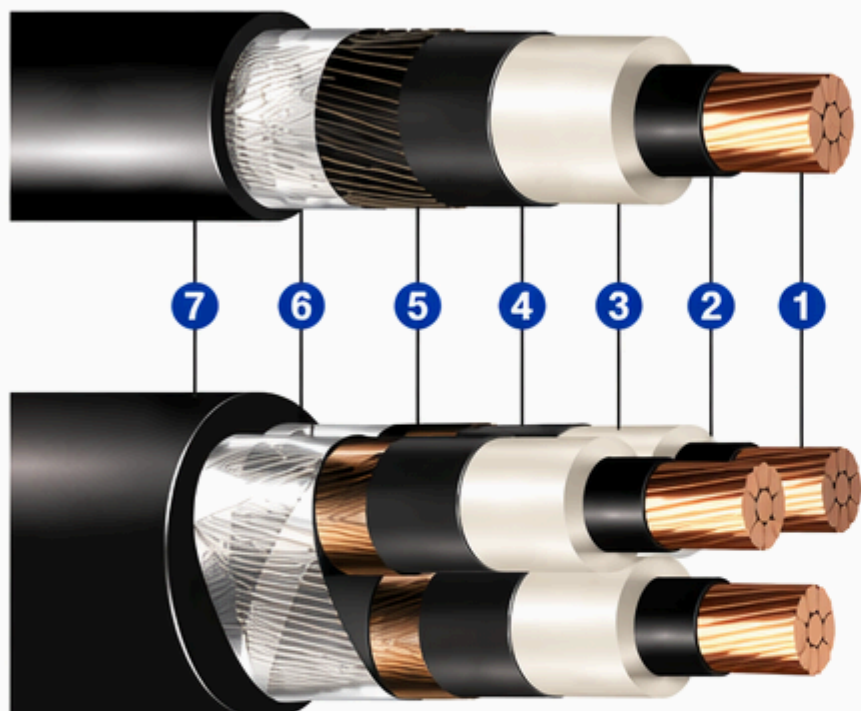


ECOPOWER SLIM 105 CABLE

(3.6/6 kV)



CONSTRUCTION

- 1 Conductor:** Bare electrolytic copper, soft annealed, or pure aluminum, compacted circular stranded (Class 2).
- 2 Conductor Shield:** Thermosetting semiconducting compound.
- 3 Insulation:** Thermosetting EPR rubber compound 105 °C lead-free.
- 4 Insulation Shield:** Layer of thermosetting semiconducting compound, easy cold stripping.
- 5 Metallic Shield:** Bare copper wires.
- 6 Separator:** Non-hygroscopic polyester tape, helically applied, covering 100% of the cable.
- 7 Jacket:** Lead-free polyvinyl chloride compound PVC ST2.

IDENTIFICATION

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

APPLICATION

The modern technology used in the manufacturing of **ECOPOWER SLIM 105 MEDIUM VOLTAGE CABLES** provides an excellent technical and economical alternative for service entrance circuits in residential or industrial buildings, substations and other power supply and/or distribution circuits.

They can be installed outdoors, in conduits, ducts, trays or directly buried, in dry or wet locations.

PACKAGING

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 – Performance requirements.

ECOPOWER SLIM 105 CABLE 3.6/6 kV

REFERENCE	CONDUCTOR		INSULATION		NUMBER OF CONDUCTORS	JACKET		TOTAL WEIGHT (kg/km)		
	NOMINAL CROSS-SECTIONAL AREA (mm ²)	NOMINAL DIAMETER (mm)	NOMINAL THICKNESS (mm)	NOMINAL DIAMETER (mm)		NOMINAL THICKNESS (mm)	NOMINAL DIAMETER (mm)			
3850.01.014	25	6	2,5	12,2	1	1,4	17,6	538		
3850.03.014					3	2	37,7	1.965		
3850.01.015	35	7,1			13,3	1	1,4	18,7	650	
3850.03.015						3	2,1	40,3	2.365	
3850.01.016	50	8,1				14,3	1	1,4	19,9	778
3850.03.016							3	2,1	42,5	2.793
3850.01.017	70	9,55		15,8			1	1,4	21,2	1.001
3850.03.017							3	2,3	46,4	3.615
3850.01.018	95	11,3			17,5		1	1,5	23,1	1.257
3850.03.018							3	2,4	50,4	4.476
3850.01.019	120	12,7				18,9	1	1,6	24,7	1.512
3850.03.019							3	2,5	53,6	5.314
3850.01.020	150	13,8	20	1			1,6	25,8	1.777	
3850.03.020				3			2,6	56,6	6.256	
3850.01.021	185	15,5		21,7	1		1,7	27,7	2.143	
3850.03.021					3		2,7	60,5	7.463	
3850.01.022	240	18			24,8	1	1,8	31	2.744	
3850.03.022						3	3	68,6	9.614	
3850.01.023	300	20,5	27,3			1	1,8	33,5	3.336	
3850.03.023						3	3,2	73,6	11.606	
3850.01.024	400	23,3		30,1		1	1,9	36,5	4.148	
3850.03.024						3	3,4	80	14.328	
3850.01.025	500	26,4			33,2	1	2,1	40	5.301	
3850.03.025						3	3,6	87,1	18.075	