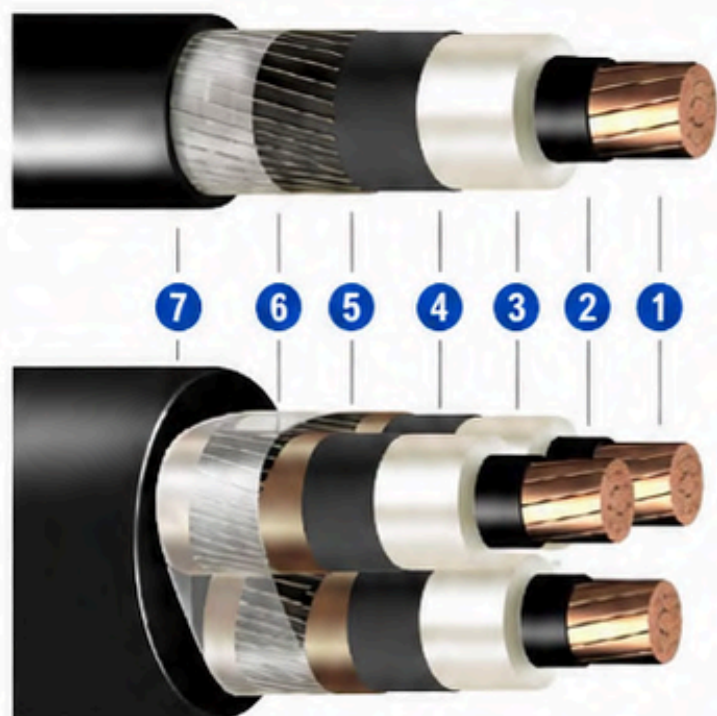


CABLE **ECOPOWER SLIM 105** (15/25 kV)



CONSTRUCTION

- 1 Conductor:** Stranded electrolytic copper, soft temper, or bare aluminum, compacted circular (Class 2).
- 2 Conductor Shield:** Semi-conductive thermosetting compound.
- 3 Insulation:** EPR 105 °C thermosetting rubber compound, lead-free.
- 4 Insulation Shield:** Semi-conductive thermosetting compound layer, easy to remove when cold.
- 5 Metallic Shield:** Bare copper wires.
- 6 Separator:** Non-hygroscopic polyester tape, applied helically covering 100% of the cable.
- 7 Outer Sheath:** Lead-free PVC ST2 polyvinyl chloride compound.

IDENTIFICATION

Cables with 3 conductors, phase identification by longitudinal stripes in the colors white, blue and red.

APPLICATION

The modern technology used in the manufacture 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 in the open air, in ducts, trays or directly buried in dry or wet locations.

PACKAGING

They are normally supplied on wooden reels.

STANDARDS

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

CABLE *Ecopower Slim 105* 15/25 kV



ECOPOWER SLIM 105 15/25 kV CABLE								
	CONDUCTOR		INSULATION		NUMBER OF CONDUCTORS	SHEATH		TOTAL WEIGHT
REFERENCE	NOMINAL CROSS-SECTIONAL AREA	NOMINAL DIAMETER	NOMINAL THICKNESS	NOMINAL DIAMETER		NOMINAL THICKNESS	NOMINAL DIAMETER	
	(mm²)	(mm)	(mm)	(mm)		(mm)	(mm)	(kg/km)
3858.01.015	35	7,1	5,5	20,7	1	1,6	26,5	981
3858.03.015					3	2,6	57,3	3811
3858.01.016	50	8,1		20,3	1	1,6	26,1	1054
3858.03.016					3	2,6	56,4	4003
3858.01.017	70	9,55		21,8	1	1,7	27,8	1306
3858.03.017					3	2,7	60,2	4901
3858.01.018	95	11,3		23,5	1	1,7	29,5	1574
3858.03.018					3	2,8	64,2	5859
3858.01.019	120	12,7		24,9	1	1,8	31,1	1847
3858.03.019					3	3	67,6	6808
3858.01.020	150	13,8		26	1	1,8	32,2	2125
3858.03.020					3	3,1	70,6	7827
3858.01.021	185	15,5		27,7	1	1,9	34,1	2514
3858.03.021					3	3,2	74,4	9132
3858.01.022	240	18,4		29,2	1	1,9	35,6	3030
3858.03.022					3	3,3	77,9	10852
3858.01.023	300	20,5	5	20,5	1	2	38,3	3660
3858.03.023					3	3,5	83,7	13012
3858.01.024	400	23,3		34,5	1	2,1	41,3	4499
3858.03.024					3	3,7	90,1	15851
3858.01.025	500	26,4		37,6	1	2,2	44,6	5664
3858.03.025					3	3,9	97,2	19727