

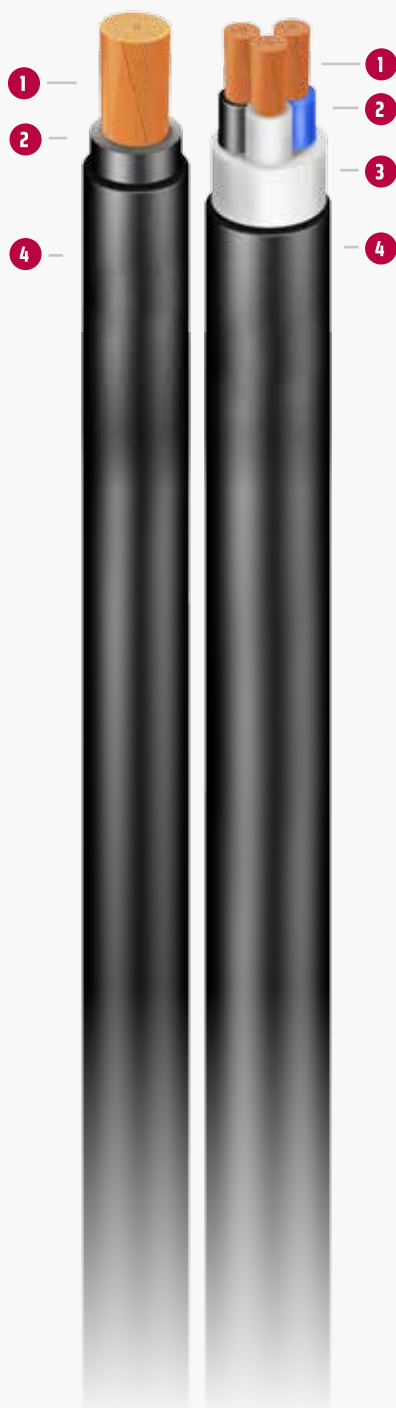


Eproflex 90 Cables

0,6/1 kV

Eproflex 90 Cables

0,6/1 kV



Construction

- 1 Phase conductors:** Electrolytic bare copper, soft temper, flexible stranding.
- 2 Insulation:** Ethylene Propylene Rubber thermoset compound (HEPR) for 90 °C maximum operation conductor temperature, 130 °C overload and 250 °C short-circuit.
- 3 Inner jacket:** Flame retardant polyvinylchloride PVC thermoplastic compound, lead free, applicable to multiconductor cables up to 10 mm².
- 4 Overall jacket:** Flame retardant polyvinylchloride PVC ST2 thermoplastic compound, lead free, black color.

Identification

- 1 Conductor:** Black insulation and black or light blue or green jacket.
- 2 Conductors:** Light blue and black insulation and black jacket.
- 3 Conductors:** Light blue, black and white insulation and black jacket.
- 4 Conductors:** light blue, black, white and red insulation and black jacket.
- 5 Conductors:** light blue, black, white, red and green insulation and black jacket.

Cables size 50 mm² or higher are supplied with black phases identified through printed numbers. Other colors upon request.

Multiconductor cables with 3 conductors with reduced ground conductor are supplied in colors light blue, black, white and green, and those of 4 conductors with reduced ground conductor are light blue, black, white, red and green colors.

Application

Eproflex 90 Cables are applied as feeders or distribution circuits up to 1 kV. Designed for fixed installation, they can be used in trays, ducts, troughs, racks or directly buried, in dry and wet locations.

Packing

Usually supplied in wooden reels.

Specifications

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

REFERENCE	CONDUCTOR		INSULATION	Nº OF CONDUCTORS	JACKET		TOTAL MASS
	NOMINAL SIZE	NOMINAL DIAMETER	NOMINAL THICKNESS		NOMINAL THICKNESS	OVERALL DIAMETER	
	(mm ²)	(mm)	(mm)		(mm)	(mm)	(kg/km)
1451.01.008	1,5	1,49	0,7	1	0,9	4,69	32,1
1451.02.008				2	1,0	7,78	88,3
1451.03.008				3	1,0	8,24	103
1451.04.008				4	1,0	8,99	124
1451.05.008				5	1,3	10,5	168
1451.01.009	2,5	1,95		1	0,9	5,15	43,7
1451.02.009				2	1,0	8,70	120
1451.03.009				3	1,0	9,24	144
1451.04.009				4	1,1	10,3	179
1451.05.009				5	1,1	11,5	210
1451.01.010	4	2,43		1	0,9	5,63	58,2
1451.02.010				2	1,1	9,86	164
1451.03.010				3	1,1	10,5	199
1451.04.010				4	1,1	11,5	244
1451.05.010				5	1,2	13,0	293
1451.01.011	6	3,00		1	1,0	6,40	80,7
1451.02.011				2	1,1	11,0	217
1451.03.011				3	1,1	11,7	268
1451.04.011				4	1,2	13,0	338
1451.05.011				5	1,2	14,5	399
1451.01.012	10	3,90		1	1,0	7,30	120
1451.02.012				2	1,2	13,0	327
1451.03.012				3	1,2	13,8	411
1451.04.012				4	1,2	15,2	513
1451.05.012				5	1,3	17,2	623
1451.01.013	16	5,00		1	1,0	8,40	174
1451.03.013				3	1,3	16,4	592
1451.04.013				4	1,3	18,1	746
1451.05.013				5	1,4	20,4	923
1451.01.014	25	6,20	1	1,1	10,2	269	
1451.03.014			3	1,4	20,2	894	
1451.04.014			4	1,5	22,5	1.158	
1451.05.014			5	1,6	25,1	1.444	
1451.01.015	35	7,35	1	1,1	11,4	360	
1451.03.015			3	1,5	22,9	1.208	
1451.04.015			4	1,6	25,5	1.565	
1451.05.015			5	1,7	28,5	1.956	

REFERENCE	CONDUCTOR		INSULATION	N° OF CONDUCTORS	JACKET		TOTAL MASS
	NOMINAL SIZE	NOMINAL DIAMETER	NOMINAL THICKNESS		NOMINAL THICKNESS	OVERALL DIAMETER	
	(mm ²)	(mm)	(mm)		(mm)	(mm)	(kg/km)
1451. 01. 016	50	8,80	1,0	1	1,2	13,2	504
1451. 03. 016				3	1,6	26,7	1.687
1451. 04. 016				4	1,7	29,7	2.190
1451. 05. 016				5	1,8	33,2	2.742
1451. 01. 017	70	10,4	1,1	1	1,2	15,0	688
1451. 03. 017				3	1,8	31,0	2.334
1451. 04. 017				4	1,9	34,4	3.032
1451. 01. 018	95	12,1		1	1,3	16,9	905
1451. 03. 018				3	1,9	34,8	3.053
1451. 04. 018				4	2,0	38,8	3.969
1451. 01. 019	120	13,8	1,2	1	1,4	19,0	1.190
1451. 03. 019				3	3,1	41,3	4.199
1451. 04. 019				4	3,2	45,7	5.427
1451. 01. 020	150	15,5	1,4	1	1,4	21,1	1.455
1451. 03. 020				3	3,3	46,3	5.173
1451. 04. 020				4	3,4	51,2	6.686
1451. 01. 021	185	16,8	1,6	1	1,5	23,0	1.753
1451. 03. 021				3	3,4	50,1	6.188
1451. 04. 021				4	3,6	55,7	8.031
1451. 01. 022	240	19,9	1,7	1	1,6	26,5	2.349
1451. 03. 022				3	3,6	57,7	8.262
1451. 04. 022				4	3,8	64,1	10.731
1451. 01. 023	300	21,4	1,8	1	1,7	28,4	2.774
1451. 01. 024	400	25,1	2,0	1	1,8	32,7	3.762
1451. 01. 025	500	28,0	2,2	1	1,9	36,2	4.681

EPROFLEX 90 CABLES - 3 CONDUCTORS PLUS REDUCED GROUND CONDUCTOR (0,6/1kV)

REFERENCE	CONDUCTOR		INSULATION	REDUCED GRAND CONDUCTOR		INSULATION	JACKET		TOTAL MASS
	NOMINAL SIZE	NOMINAL DIAMETER	NOMINAL THICKNESS	NOMINAL SIZE	NOMINAL DIAMETER	NOMINAL THICKNESS	NOMINAL THICKNESS	OVERALL DIAMETER	
	(mm ²)	(mm)	(mm)	(mm ²)	(mm)	(mm)	(mm)	(mm)	
1499.04.114	3 x 25	6,20	0,9	1 x 16	5,00	0,7	1,5	22,6	1.078
1499.04.215	3 x 35	7,35	0,9	1 x 16	5,00	0,7	1,6	25,5	1.400
1499.04.216	3 x 50	8,80	1,0	1 x 25	6,20	0,9	1,7	29,7	1.975
1499.04.217	3 x 70	10,3	1,1	1 x 35	7,35	0,9	1,9	34,3	2.714
1499.04.218	3 x 95	12,1	1,1	1 x 50	8,80	1,0	2,0	38,8	3.592

EPROFLEX 90 CABLES - 4 CONDUCTORS PLUS REDUCED GROUND CONDUCTOR (0,6/1kV)

REFERENCE	CONDUCTOR		INSULATION	REDUCED GRAND CONDUCTOR		INSULATION	JACKET		TOTAL MASS
	NOMINAL SIZE	NOMINAL DIAMETER	NOMINAL THICKNESS	NOMINAL SIZE	NOMINAL DIAMETER	NOMINAL THICKNESS	NOMINAL THICKNESS	OVERALL DIAMETER	
	(mm ²)	(mm)	(mm)	(mm ²)	(mm)	(mm)	(mm)	(mm)	
1499.05.114	4 x 25	6,20	0,9	1 x 16	5,00	0,7	1,6	25,2	1.398
1499.05.215	4 x 35	7,35	0,9	1 x 16	5,00	0,7	1,7	28,5	1.840
1499.05.216	4 x 50	8,80	1,0	1 x 25	6,20	0,9	1,8	33,2	2.587
1499.05.217	4 x 70	10,3	1,1	1 x 35	7,35	0,9	2,0	38,2	3.542
1499.05.218	4 x 95	12,1	1,1	1 x 50	8,80	1,0	2,2	43,5	4.713



A escolha de quem conhece



Av. Induscabos, 300
CEP 08559-300 - Vila Jaú
Poá - São Paulo, Brasil

Tel: +55 11 4634-9000
Fax: +55 11 4636-2309

induscabos@induscabos.com.br
www.induscabos.com.br