

Flexible Cable PP Plane 300/500V

NBR NM 247-5

70 °C



Conductor

Made of electrolytic bare copper wire, soft temper, class 5 stranding.

Insulation

PVC-D 70 °C - Thermoplastic polyvinyl chloride compound.

Identification

2 Conductors: Black and Light Blue.

3 Conductors: Black, Light Blue and Brown.

Coverage

PVC ST5 - Flexible polyvinyl chloride thermoplastic compound, in black color.

Maximum temperatures at the conductor

- 70 °C in continuous service.
- 100 °C at overload.
- 160 °C short-circuit.

Implementation

Due to their excellent appearance and good flexibility, they are used in the connection of household appliances, white goods, portable and mobile appliances (refrigerators, vacuum cleaners, floor polishers, etc.). They are also used for connections of portable tools and submerged pumps.

Applicable Standards

NBR NM 247-5 - Polyvinyl chloride (PVC) insulated cables for rated voltages up to and including 450/750V - Part 5 - Flexible cables (cords) (IEC 60227-5, MOD).

NBR NM 280 - Insulated cable conductors.

NBR NM 247-1 - Polyvinyl chloride (PVC) insulated cables for rated voltages up to and including 450/750V - Part 1 - General requirements (IEC 60227-1, MOD).

Construction Data*

Number of Conductors	Nominal crosssection (mm ²)	Conductor Diameter (mm)	Thickness Insulation (mm)	Thickness Coverage (mm)	Outer Diameter (mm)	Approx mass (kg/km)	Standard Packaging	
							Roll (m)	Coil (m)
2	0,50	0,9	0,6	0,8	3,7 x 5,9	33,7	100	1000
	0,75	1,1	0,6	0,8	3,8 x 6,1	38,7	100	1000
	1,00	1,3	0,6	0,8	4,0 x 6,4	45,0	100	1000
	1,50	1,5	0,7	0,8	4,4 x 7,3	60,3	100	1000
	2,50	2,0	0,8	1,0	5,5 x 9,0	94,6	100	1000
3	0,50	0,9	0,6	0,8	3,7 x 8,0	48,5	100	1000
	0,75	1,1	0,6	0,8	3,8 x 8,3	56,1	100	1000
	1,00	1,3	0,6	0,8	4,0 x 8,8	65,5	100	1000
	1,50	1,5	0,7	0,9	4,6 x 10,4	92,2	100	1000
	2,50	2,0	0,8	1,1	5,7 x 12,8	144,0	100	1000



*Data subject to change without prior notice