



Materials:

- 1 Conductor: Tinned Copper | IEC 60228 class 5
- 2 Insulation: Thermoset compound HF90 | IEC 60092-351
- 3 Covering: Thermoplastic compound SHF1 | IEC 60092-359
- 4 Frame/Shielding: braid of galvanized steel wires or tinned copper with coverage > 90%.

Construction:

single cable or concentric conductors.

Pannav PN

Technical Details:

Application: fixed installations
 Section Range: 1.5 to 300mm²
 Conductor Maximum Temperature: 90 °C
 Marking: PAN ELECTRIC PANNAV PN, section, temperature, voltage, IEC 60332-3-22 cat A, year of manufacture.
 Standard: IEC 60092-353
 Insulation voltage: 0.6/1kV (1.2 kV)

Concerned about meeting the international guidelines for toxicity and safety, our products have the best insulating compounds, as well as full exemption from heavy metals and halogens (halogen free). Our cables are subject to harsh conditions of fire and high temperatures, in order to evaluate the flame resistance and the level of toxicity of the smoke, guaranteeing their safety.

Section (mm ²)	Thick. Isol (mm)	Esp. Cap. Int. (mm)	1 conductor			2 conductores			3 conductores			4 conductores		
			Esp. Cob. (mm)	Nomin. Diam. (mm)	Weight Kg/Km	Esp. Cob. (mm)	Nomin. Diam. (mm)	Weight Kg/Km	Esp. Cob. (mm)	Nomin. Diam. (mm)	Weight Kg/Km	Esp. Cob. (mm)	Nomin. Diam. (mm)	Weight Kg/Km
1,5mm ²	0,7	1 a 60x	1	4,94	37	1	7,87	70	1	8,34	91	1,04	9,11	113
2,5mm ²	0,7	1 a 60x	1	5,37	50	1,1	8,93	100	1,1	9,47	113	1,1	10,35	116
4mm ²	0,7	1 a 4x	1	5,85	64	1,1	9,91	128	1,1	10,52	172	1,2	11,72	224
6mm ²	0,7	1 a 4x	1	6,53	89	1,1	11,25	179	1,2	12,18	251	1,2	13,35	321
10mm ²	0,7	1 a 4x	1	7,93	136	1,2	14,25	281	1,2	15,2	389	1,3	16,94	509
16mm ²	0,7	1 a 4x	1	9,19	209	1,3	16,99	439	1,3	18,14	615	1,4	20,21	805
25mm ²	0,9	1 a 4x	1,1	11,24	302	1,4	20,87	629	1,4	22,32	888	1,5	24,87	1164
35mm ²	0,9	1x	1,1	12,55	402	1,5	23,69	843	1,5	25,35	1197	1,6	28,24	1571
50mm ²	1	1x	1,2	14,75	571	1,6	27,89	1188	1,7	30,07	1711	1,8	33,48	2247
70mm ²	1,1	1x	1,3	16,76	751	1,7	31,72	1553	1,8	34,19	2244	1,9	38,07	2948
95mm ²	1,1	1x	1,3	19,12	1031	1,9	36,84	2158	1,9	39,49	3104	2,1	44,18	4105
120mm ²	1,2	1x	1,4	21,23	1281	2	40,87	2669	2,1	44,02	3868	2,2	49,01	5087
150mm ²	1,4	1x	1,5	23,82	1612									
185mm ²	1,6	1x	1,5	27,25	1973									
240mm ²	1,7	1x	1,6	30,41	2485									
300mm ²	1,8	1x	1,7	32,69	3149									

Other cables can be made on request. Table with usual feature information. If you need technical or dimensional data that is not on this table, contact us via e-mail: vendas@pan.com.br. Specifications are subject to change without notice. July / 2014