



Materials:

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

Construction:

single cable or concentric conductors

Pannav PSBSC

Technical Details:

Application: fixed installations in external and internal areas of oil platforms and ships.

Insulation Voltage: 0.6 / 1kV (1.2 kV)

Conductor Maximum Temperature: 90 °C

Marking: PAN ELECTRIC PANNAV PSBSC, section, temperature, voltage, IEC 60332-3-22 cat A, year of manufacture.

Standard: IEC 60092-353

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 conductors			3 conductors			4 conductors		
			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	5,94	136	1	8,87	224	1	9,34	258	1,1	10,31	360
2,5mm ²	0,7	1 a 60x	1	6,37	157	1,1	9,93	272	1,1	10,47	314	1,1	11,35	363
4mm ²	0,7	1 a 4x	1	6,85	183	1,1	10,91	316	1,1	12,02	371	1,2	13,22	521
6mm ²	0,7	1 a 4x	1	7,53	220	1,1	12,75	476	1,2	13,68	560	1,2	14,85	656
10mm ²	0,7	1 a 4x	1	8,93	351	1,2	15,75	641	1,2	16,7	781	1,3	18,44	929
16mm ²	0,7	1 a 4x	1	10,19	380	1,3	18,49	831	1,3	19,64	1024	1,4	21,71	1247
25mm ²	0,9	1 a 4x	1,1	12,24	514	1,4	22,37	1138	1,4	23,82	1444	1,5	26,37	1777
35mm ²	0,9	1x	1,1	14,05	732	1,5	25,19	1418	1,5	26,85	1825	1,6	29,74	2264
50mm ²	1	1x	1,2	16,25	940	1,6	29,39	1856	1,7	31,57	2428	1,8	34,98	3037
70mm ²	1,1	1x	1,3	18,26	1165	1,7	33,22	2325	1,8	35,69	3114	1,9	40,07	4149
95mm ²	1,1	1x	1,3	20,62	1512	1,9	38,84	3073	1,9	41,49	4353	2,1	46,18	5487
120mm ²	1,2	1x	1,4	22,73	1828	2	42,87	3957	2,1	46,02	5250	2,2	51,01	6674
150mm ²	1,4	1x	1,5	25,32	2187									
185mm ²	1,6	1x	1,5	28,75	2818									
240mm ²	1,7	1x	1,6	31,91	3149									
300mm ²	1,8	1x	1,7	34,19	4154									

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