



Chongqing Hi-Sea Marine Equipment Import & Export Co.,Ltd.

重庆海盛船舶设备进出口有限公司

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PVC insulated flat cable

PVC insulated flat cable Application

BVVB, full name is copper PVC insulated flat cables, also called "flat cable" Or "parallel cable", it's the shape of the finished product is flat rather than round, which is its biggest difference with BVV.

BVVB cables for electrical equipment, instrumentation, telecommunications equipment, power and lighting circuits of AC rated voltage 450/750V or DC 1000V and below .

PVC insulated flat cable Service Condition

BVVB main features are as follows:

(1) Cable U₀ / U is 450/750V and 300/500V.

(2) When used in the DC system, the nominal voltage of the system should not exceed 1.5 times the rated voltage.

(3) Industry standard cable laying temperature should not be less than 0 degrees, diameter (D) of less than 25mm cable

Permissible bending radius should not be less than 4D, an outer diameter of 25mm and above permissible bending radius of the cable should not be less than 6D.

PVC insulated flat cable Specification

BVVB、ZR-BVVB

Rated Voltage (V)	Area (mm ²)	Conductor Category	Refer Outer Diameter (mm)	20°C Maximum DC Resistance (Ω/km)	70°C Minimum Insulation Resistance (MΩ/km)	Nominal Ampacity (A)
300/500	2 x 0.75	1	4.6 x 7.1	24.5	0.012	13
	2 x 1.0	1	4.8 x 7.4	18.1	0.011	16
	2 x 1.5	1	5.3 x 8.3	12.1	0.011	20
	2 x 2.5	1	6.2 x 10.1	7.41	0.010	27
	2 x 4.0	1	6.9 x 11.5	4.61	0.008	38
	2 x 6.0	1	7.8 x 13.0	3.08	0.0065	50
	2 x 10	2	9.5 x 16.2	1.83	0.0065	69
	3x 0.75	1	4.6 x 9.6	24.5	0.012	9.5

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	3 x 1.0	1	4.8 x 10.1	18.1	0.011	11
	3 x 1.5	1	5.3 x 11.7	12.1	0.011	13
	3 x 2.5	1	6.2 x 14.0	7.41	0.010	21
	3 x 4.0	1	7.1 x 16.3	4.61	0.008	27
	3 x 6.0	1	7.8 x 18.2	3.08	0.0065	34
	3 x 10	2	9.5 x 23.0	1.83	0.0065	55

PVC insulated flat cable Show

