



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

重庆海盛船舶设备进出口有限公司

Add:F20-5,General Chamber of Commerce Building,No.2 Hongjin Street,Yubei District,Chongqing
Tel: +86-23-67898920 Fax: +86-23-67956622 e-mail: cable@hiseamarine.com

VDE H05BB-F /H07BB-F Power Cable

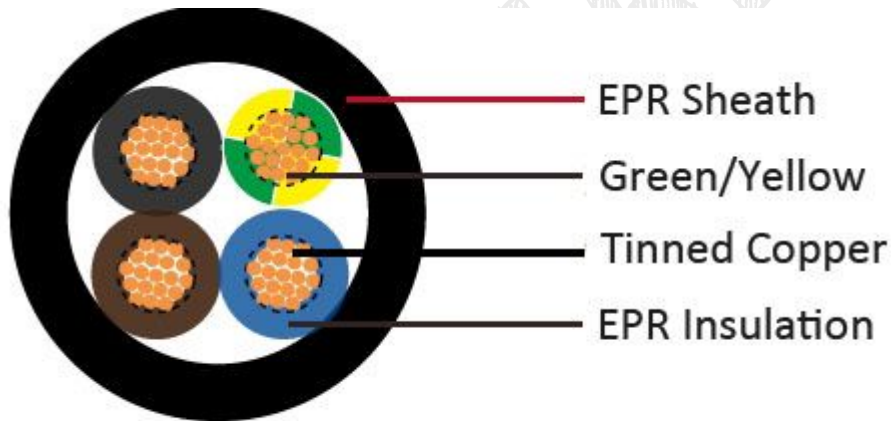
VDE H05BB-F /H07BB-F Power Cable Application

The EPR (ethylene propylene rubber) insulated, EPR (ethylene propylene rubber) sheathed power cable can be used in dry, humid environment, immersed in oil or grease, and resistance to various climatic conditions and weak mechanical stress environment, for example, in industrial hand equipment, hot plates, portable lights, like drilling machines, home appliances, construction and agricultural equipment, power supply, and in some cold countries can also be used in automotive heating, but also for caravans and camping equipment.

VDE H05BB-F /H07BB-F Power Cable Standards and Certification

<HAR> HD 22.12, CEI 20-19/12, NF C 32-102-4

VDE H05BB-F /H07BB-F Power Cable structure



H05BB-F Construction

- Stranded bare copper / tinned copper conductor
- Follow the DIN VDE 0295 cl 5 IEC 60228 cl 5.
- EPR E17 rubber insulation
- Color coded to VDE 0293-308 (three cores and above with a yellow-green ground wire)
- EPR EM6 rubber sheath
- Outer sheath is black



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

重庆海盛船舶设备进出口有限公司

Address: F20-5, General Chamber of Commerce Building, No.2 Hongjin Street, Yubei District, Chongqing

Tel: +86-23-67898920

Fax: +86-23-67956622

e-mail: cable@hiseamarine.com

VDE H05BB-F /H07BB-F Power Cable Technical characteristics

- Operating voltage:

H05BB-F: 300/500V

H07BB-F: 450/750V

- Test voltage:

H05BB-F: 2000V

H07BB-F: 2500V

- Dynamic bending radius: $4 \times \Phi$

- Static bending radius: $3 \times \Phi$

- Operating temperature:

H05BB-F: - 40 °C - + 60 °C

H07BB-F: - 25 °C - + 90 °C

Short circuit temperature: 250 °C

Flame retardant: VDE 0482-332-1-2/IEC 60332-1

VDE H05BB-F /H07BB-F Power Cable Specification

Gauge	Core x Conductor Area # x mm ²	Nominal Insulation Thickness mm	Nominal Sheath Thickness mm	Nominal O.D. mm	Nominal Cable weight kg/km
H05BB-F					
18(24/32)	2x0.75	0.6	0.8	6.3	53
17(32/32)	2x1	0.6	0.9	6.8	64
16(30/30)	2x1.5	0.8	1.0	8.3	95
14(30/50)	2x2.5	0.9	1.1	9.8	140
18(24/32)	3x0.75	0.6	0.9	6.8	65
17(32/32)	3x1	0.6	0.9	7.2	77
16(30/30)	3x1.5	0.8	1	8.8	115
14(30/50)	3x2.5	0.9	1.1	10.4	170
12(56/28)	3 x 4	1	1.2	12.2	240
10(84/28)	3 x 6	1	1.4	13.6	320
18(24/32)	4x0.75	0.6	0.9	7.4	80
17(32/32)	4x1	0.6	0.9	7.8	95
16(30/30)	4x1.5	0.8	1.1	9.8	145
14(30/50)	4x2.5	0.9	1.2	11.5	210
12(56/28)	4 x 4	1	1.3	13.5	300
10(84/28)	4 x 6	1	1.5	15.4	405

Tel: +86-23-67868920(Directly) Fax: +86-23-67955123 Mobile: +86-18623306451 Skype: yang.ding83

E-mail:cable@hiseamarine.com



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

重庆海盛船舶设备进出口有限公司

Address: F20-5, General Chamber of Commerce Building, No.2 Hongjin Street, Yubei District, Chongqing

Tel: +86-23-67898920

Fax: +86-23-67956622

e-mail: cable@hiseamarine.com

18(24/32)	5x0.75	0.6	1	8.3	100
17(32/32)	5x1	0.6	1	8.7	115
16(30/30)	5x1.5	0.8	1.1	10.7	170
14(30/50)	5x2.5	0.9	1.3	12.8	255
H07BB-F					
17(32/32)	2x1	0.8	1.3	8.20	89
16(30/30)	2x1.5	0.8	1.5	9.10	113
14(30/50)	2x2.5	0.9	1.7	10.85	165
17(32/32)	3x1	0.8	1.4	8.90	108
16(30/30)	3x1.5	0.8	1.6	9.80	138
14(30/50)	3x2.5	0.9	1.8	11.65	202
17(32/32)	4x1	0.8	1.5	9.80	134
16(30/30)	4x1.5	0.8	1.7	10.85	171
14(30/50)	4x2.5	0.9	1.9	12.80	248
17(32/32)	5x1	0.8	1.6	10.80	172
16(30/30)	5x1.5	0.8	1.8	11.90	218