



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 H05VV-F/H05VVH2-F Power wire

VDE H05VV-F/H05VVH2-F Power wire Application

These cables are suitable for the humid environment, medium-sized mechanical equipment, such as refrigerators, washing machine, dryer and other appliances. As long as the equipment complies with the applicable specifications, these cables to ensure that the case is not in direct contact with the hot parts of the instrument, or any other heat source, also suitable for cooking and heating equipment. Some other applications of this cable include: fixed installation in furniture, partition walls, decoration, and building facilities reserved. They are not suitable for outdoor use, workers

Industry (except apparel manufacturing) or agricultural applications. Single-phase or three-phase system maximum working voltage of U_0 / U 318/550 V. In the direct system, the maximum operating voltage is U_0 / U 413/825 V.

VDE H05VV-F/H05VVH2-F Power wire Standard and certification

<HAR> CEI 20-20/5 / 20-35 (EN60332-1) / 20-52,0.5 - 2.5mm² follow BS6500, 4.0mm² follow BS7919, 6.0mm² these BS7919, VDE0281, CENELEC HD21.5, CE Low 73 / 23/EEC & 93/68/EEC directive., ROHS certification

VDE H05VV-F/H05VVH2-F Power wire Technical characteristics

- Operating voltage: 300/500 V
- Test voltage: 2000 V
- Dynamic bending radius: 7.5 x Φ
- Static bending radius: 4 x Φ
- The application when the operating temperature: -5 °C to +70 °C
- Static can withstand temperature: -40 °C to +70 °C
- Short circuit temperature: +160 °C
- Flame retardant: IEC 60332.1
- Insulation resistance: 20 M Ω x km

VDE H05VV-F/H05VVH2-F Power wire Cable structure

- Soft bare copper conductor
- Follow the DIN VDE 0295 cl 5, BS 6360 cl 5, IEC 60228 cl 5 and HD 383 standards..
- PVC insulation T12 class, follow the first part of VDE-0281
- Color coded to VDE-0293-308
- Yellow-green ground wire (three conductors and above)
- PVC outer sheath TM2



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VDE H05VV-F/H05VVH2-F Power wire Specification

Model	Core Nominal area # x mm ² mm	Nominal Insulation Thickness mm	Nominal Sheath Thickness mm	Nominal O.D kg/km	Nominal Copper Weight kg/km	Nominal Cable weight
H05VV-F						
18(24/32)	2 x 0.75	0.6	0.8	6.4	14.4	57
18(24/32)	3 x 0.75	0.6	0.8	6.8	21.6	68
18(24/32)	4 x 0.75	0.6	0.8	7.4	29	84
18(24/32)	5 x 0.75	0.6	0.9	8.5	36	106
17(32/32)	2 x 1.00	0.6	0.8	6.8	19	65
17(32/32)	3 x 1.00	0.6	0.8	7.2	29	79
17(32/32)	4 x 1.00	0.6	0.9	8.0	38	101
17(32/32)	5 x 1.00	0.6	0.9	8.8	48	123
16(30/30)	2 x 1.50	0.7	0.8	7.6	29	87
16(30/30)	3 x 1.50	0.7	0.9	8.2	43	111
16(30/30)	4 x 1.50	0.7	1.0	9.2	58	142
16(30/30)	5 x 1.50	0.7	1.1	10.5	72	176
14(30/50)	2 x 2.50	0.8	1.0	9.2	48	134
14(30/50)	3 x 2.50	0.8	1.1	10.1	72	169
14(30/50)	4 x 2.50	0.8	1.1	11.2	96	211
14(30/50)	5 x 2.50	0.8	1.2	12.4	120	262
12(56/28)	3 x 4.00	0.8	1.2	11.3	115	233
12(56/28)	4 x 4.00	0.8	1.2	12.5	154	292
12(56/28)	5 x 4.00	0.8	1.4	13.7	192	369
10(84/28)	3 x 6.00	0.8	1.1	13.1	181	328
10(84/28)	4 x 6.00	0.8	1.3	13.9	230	490
10(84/28)	5 x 6.00	0.8	1.4	15.9	289	548
H05VVH2-F						
18(24/32)	2 x 0.75	0.6	0.8	4.2 x 6.8	14.4	48
17(32/32)	2 x 1.00	0.6	0.8	4.4 x 7.2	19.2	57



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VDE H05VV-F/H05VVH2-F Power wire Show

