



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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VDE H05V2V2-F/ H05V2V2H2-F Power cable

VDE H05V2V2-F/ H05V2V2H2-F Power cable Application

The cable is intended for medium mechanical devices and require a high degree bend in a part of the place. They can be used as power and control cables, dry, wet environment, especially for lifting equipment, handling systems, machine tools and other use.

VDE H05V2V2-F/ H05V2V2H2-F Power cable Standards and Certification

<HAR> HD 359 S3, BS EN 50214, DIN VDE 0281 Part 404, IEC 60332-1, CSA C22.2 N° 49, UL 62

VDE H05V2V2-F/ H05V2V2H2-F Power cable structure

- Soft bare or tinned copper conductor
- Follow VDE-0295 Cl 5, IEC 60228 Cl-5
- PVC insulation T12 follow VDE 0207 Part 4
- Color coded to VDE-0293-308
- PVC sheath TM2 follow VDE 0207 Part 5

VDE H05V2V2-F/ H05V2V2H2-F Power cable Technical characteristics

- Operating voltage:
H05VVH6-F: 300/500 V
H07VVH6-F: 450/700 V
- Test voltage:
H05VVH6-F: 2 KV
H07VVH6-F: 2.5 KV
- Bending radius: $10 \times \Phi$
- The application when the operating temperature: - 5 °C to + 70 °C
- Static can withstand temperature: -40 °C to +70 °C
- Flame: Follow VDE 0472 part 804, IEC 60332-1B level test
- Insulation resistance: 20 MΩ x km

VDE H05V2V2-F/ H05V2V2H2-F Power cable Specification

Gauge	Core Conductor Area	xNominal Conductor Diameter	Nominal Insulation Thickness	Nominal Outer Diameter	Nominal Copper weight	Nominal Cable weight
# x mm ²	mm	mm	mm	kg/Km	kg/km	
H05VVH6-F						



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18(24/32)	4 x 0.75	1.2	0.6	4.2 x 12.6	29	90
18(24/32)	8x 0.75	1.2	0.6	4.2 x 23.2	58	175
18(24/32)	12x 0.75	1.2	0.6	4.2 x 33.8	86	260
18(24/32)	18x 0.75	1.2	0.6	4.2 x 50.2	130	380
18(24/32)	24x 0.75	1.2	0.6	4.2 x 65.6	172	490
17(32/32)	4 x 1.00	1.4	0.7	4.4 x 13.4	38	105
17(32/32)	5x1.00	1.4	0.7	4.4 x 15.5	48	120
17(32/32)	8 x 1.00	1.4	0.7	4.4 x 24.8	77	205
17(32/32)	12x 1.00	1.4	0.7	4.4 x 36.2	115	300
17(32/32)	18x 1.00	1.4	0.7	4.4 x 53.8	208	450
17(32/32)	24x 1.00	1.4	0.7	4.4 x 70.4	230	590
H07VVH6-F						
16(30/30)	4 x1.5	1.5	0.8	5.1 x 14.8	130	58
16(30/30)	5 x1.5	1.5	0.8	5.1 x 17.7	158	72
16(30/30)	7 x1.5	1.5	0.8	5.1 x 25.2	223	101
16(30/30)	8 x1.5	1.5	0.8	5.1 x 27.3	245	115
16(30/30)	10 x1.5	1.5	0.8	5.1 x 33.9	304	144
16(30/30)	12 x1.5	1.5	0.8	5.1 x 40.5	365	173
16(30/30)	18 x1.5	1.5	0.8	6.1 x 61.4	628	259
16(30/30)	24 x1.5	1.5	0.8	5.1 x 83.0	820	346
14(30/50)	4 x2.5	1.9	0.8	5.8 x 18.1	192	96
14(30/50)	5 x2.5	1.9	0.8	5.8 x 21.6	248	120
14(30/50)	7 x2.5	1.9	0.8	5.8 x 31.7	336	168
14(30/50)	8 x2.5	1.9	0.8	5.8 x 33.7	368	192
14(30/50)	10 x2.5	1.9	0.8	5.8 x 42.6	515	240
14(30/50)	12 x2.5	1.9	0.8	5.8 x 49.5	545	288
14(30/50)	24 x2.5	1.9	0.8	5.8 x 102.0	1220	480
12(56/28)	4 x4	2.5	0.8	6.7 x 20.1	154	271
12(56/28)	5 x4	2.5	0.8	6.9 x 26.0	192	280
12(56/28)	7 x4	2.5	0.8	6.7 x 35.5	269	475
10(84/28)	4 x6	3.0	0.8	7.2 x 22.4	230	359
10(84/28)	5 x6	3.0	0.8	7.4 x 31.0	288	530
10(84/28)	7 x6	3.0	0.8	7.4 x 43.0	403	750
8(80/26)	4 x10	4.0	1.0	9.2 x 28.7	384	707
8(80/26)	5 x10	4.0	1.0	11.0 x 37.5	480	1120
6(128/26)	4 x16	5.6	1.0	11.1 x 35.1	614	838
6(128/26)	5 x16	5.6	1.0	11.2 x 43.5	768	1180