



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 H05SS-F/H05SST-F Heavy Cable

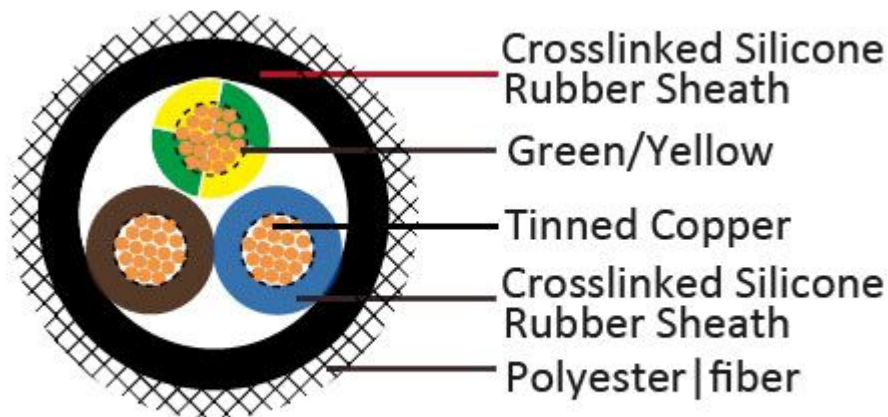
### VDE H05SS-F/H05SST-F Heavy Cable Application

These cables EC heavy, tear-resistant black silicone multi-core cables, temperature up to 180 degrees Celsius, is mainly used for high or low temperatures, or ultraviolet region could cause damage. This cable meets EC standards, so they can be used in European countries markets. These cables are major steel mills, foundries, glass factories, baking equipment, burners, heating and lighting systems. High resistance to mechanical shock characteristics of this cable to apply to the lighting industry as a permanent mechanical protection of cables. Silicone rubber sheath, heat resistance, chemical resistance, oil, acid. Not suitable for outdoor use.

### VDE H05SS-F/H05SST-F Heavy Cable Standards and Certification

<HAR> HD 22.15 S1, Part 15 VDE-0282, VDE-0250 Part 816 (N2MH2G), CE Low Voltage Directive 72/23/EEC & 93/68/EEC, ROHS certification

### VDE H05SS-F/H05SST-F Heavy Cable structure



### H05SS-F/H05SST-F Construction

- Flexible tinned stranded copper conductors
- Follow VDE-0295 CI-5, IEC 60228 CI-5
- EI 2 crosslinked silicone rubber insulation
- Color coded to VDE-0293-308
- EM 9 crosslinked silicone rubber outer sheath - Black
- Polyester fiber woven (only for H05SST-F)



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 H05SS-F/H05SST-F Heavy Cable Technical characteristics**

- Operating voltage: 300/500V
- Test voltage: 2000V
- Dynamic bending radius: 7.5 x?
- Static bending radius: 4 x?
- Operating temperature range: -60 ° C to +180 ° C
- Short circuit temperature: 220 ° C
- Flame retardant: IEC 60332 -1
- Insulation resistance: 200 MΩ x km
- Halogen: IEC 60754-1
- Low Smoke: IEC 60754-2

**VDE H05SS-F/H05SST-F Heavy Cable Specification**

Gauge	Core Conductor are a # x mm <sup>2</sup>	Nominal x Insulation Thickness mm	Nominal Sheath Thickness mm	Nominal O.D. mm	Nominal Copper Weight kg/km	Copper Cable Weight kg/km
<b>H05SS-F</b>						
18(24/32)	2x0.75	0.6	0.8	6.2	14.4	59.0
18(24/32)	3x0.75	0.6	0.9	6.8	21.6	71.0
18(24/32)	4x0.75	0.6	0.9	7.4	28.8	93.0
18(24/32)	5x0.75	0.6	1.0	8.9	36.0	113.0
17(32/32)	2x1.0	0.6	0.9	6.7	19.2	67.0
17(32/32)	3x1.0	0.6	0.9	7.1	29.0	86.0
17(32/32)	4x1.0	0.6	0.9	7.8	38.4	105.0
17(32/32)	5x1.0	0.6	1.0	8.9	48.0	129.0
16(30/30)	2x1.5	0.8	1.0	7.9	29.0	91.0
16(30/30)	3x1.5	0.8	1.0	8.4	43.0	110.0
16(30/30)	4x1.5	0.8	1.1	9.4	58.0	137.0
16(30/30)	5x1.5	0.8	1.1	11.0	72.0	165.0
14(30/50)	2x2.5	0.9	1.1	9.3	48.0	150.0
14(30/50)	3x2.5	0.9	1.1	9.9	72.0	170.0
14(30/50)	4x2.5	0.9	1.1	11.0	96.0	211.0
14(30/50)	5x2.5	0.9	1.1	13.3	120.0	255.0
12(56/28)	3x4.0	1.0	1.2	12.4	115.0	251.0
12(56/28)	4x4.0	1.0	1.3	13.8	154.0	330.0



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

10(84/28)	3×6.0	1.0	1.4	15.0	173.0	379.0
10(84/28)	4×6.0	1.0	1.5	16.6	230.0	494.0
H05SST-F						
18(24/32)	2×0.75	0.6	0.8	7.2	14.4	63.0
18(24/32)	3×0.75	0.6	0.9	7.8	21.6	75.0
18(24/32)	4×0.75	0.6	0.9	8.4	28.8	99.0
18(24/32)	5×0.75	0.6	1.0	9.9	36.0	120.0
17(32/32)	2×1.0	0.6	0.9	7.7	19.2	71.0
17(32/32)	3×1.0	0.6	0.9	8.1	29.0	91.0
17(32/32)	4×1.0	0.6	0.9	8.8	38.4	111.0
17(32/32)	5×1.0	0.6	1.0	10.4	48.0	137.0
16(30/30)	2×1.5	0.8	1.0	8.9	29.0	97.0
16(30/30)	3×1.5	0.8	1.0	9.4	43.0	117.0
16(30/30)	4×1.5	0.8	1.1	10.4	58.0	145.0
16(30/30)	5×1.5	0.8	1.1	12.0	72.0	175.0
14(30/50)	2×2.5	0.9	1.1	10.3	48.0	159.0
14(30/50)	3×2.5	0.9	1.1	10.9	72.0	180.0
14(30/50)	4×2.5	0.9	1.1	12.0	96.0	224.0
14(30/50)	5×2.5	0.9	1.1	14.3	120.0	270.0
12(56/28)	3×4.0	1.0	1.2	13.4	115.0	266.0
12(56/28)	4×4.0	1.0	1.3	14.8	154.0	350.0
10(84/28)	3×6.0	1.0	1.4	16.0	173.0	402.0
10(84/28)	4×6.0	1.0	1.5	17.6	230.0	524.0