



## H05BB-F /H07BB-F

### Application and Description

These rubbers insulated and sheathed electric cables, with a parallel EPDM tube, joined with a textile braid, are used especially for electric steam generator irons (named usually “vaporellas”). The cables are suitable for the stripping force on automatic machines and for low temperature environments.

### Standard and Approval

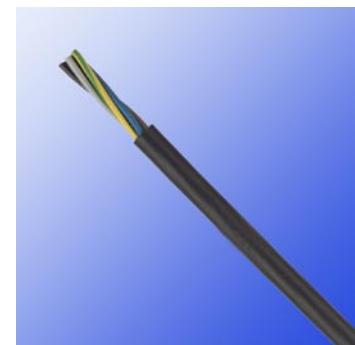
HD 22.12, CEI 20-19/12, NF C 32-102-4

### Cable Construction

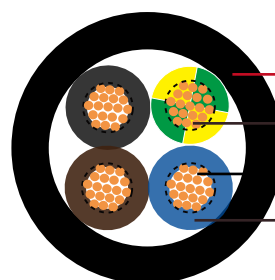
- Bare/Tinned copper strand conductor
- acc. to DIN VDE 0295 class 5. IEC 60228 class 5
- Insulation: EPR rubber type E17
- Color coded to VDE 0293-308(3 conductors and above with yellow/green wire)
- Sheath: EPR rubber type EM6
- Sheath color: normally black

### Technical Characteristics

- Working voltage:
  - H05BB-F: 300/500V
  - H07BB-F: 450/750V
- Test voltage:
  - H05BB-F: 2000V
  - H07BB-F: 2500V
- Flexing bending radius:  $4 \times \varnothing$
- Static bending radius:  $3 \times \varnothing$
- Operating temperature:
  - H05BB-F:  $-40^{\circ}\text{C} - +60^{\circ}\text{C}$
  - H07BB-F:  $-25^{\circ}\text{C} - +90^{\circ}\text{C}$
- Short circuit temperature:  $250^{\circ}\text{C}$
- Flame retardant: VDE 0482-332-1-2/IEC 60332-1



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- EPR outer jacket
- Green/Yellow wire
- Tinned copper conductor
- EPR insulation

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### Cable Parameter

AWG	No. of Cores x Nominal Cross Sectional Area # x <i>mm</i> <sup>2</sup>	Nominal Thickness of Insulation <i>mm</i>	Nominal Thickness of Sheath <i>mm</i>	Nominal Overall Diameter <i>mm</i>	Nominal Weight <i>kg/km</i>
<b>H05BB-F</b>					
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
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
<b>H07BB-F</b>					
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