



## H05GG-F

### Application and Description

For general use in domestic premises, kitchens and offices and for supplying appliances where the cables are subjected to low mechanical stresses. Also for low temperature uses.(eg., cooking appliances, soldering irons, toasters)

### Standard and Approval

HD 22.11 S1, VDE 0282 part 11

### Cable Construction

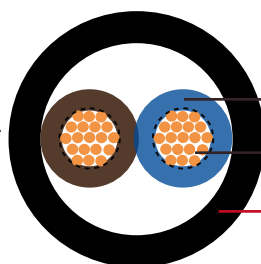
- Fine tinned copper strands
- Strands to VDE-0295 Class-5, IEC 60228 CI-5
- Cross-linked elastomere E13 insulation
- Color code VDE-0293-308
- Cross-linked elastomere EM 9 outer jacket - black

### Technical Characteristics

- Working voltage: 300/500V
- Test voltage: 2000V
- Flexing bending radius:  $4 \times \varnothing$
- Static bending radius:  $3 \times \varnothing$
- Temperature range:  $-15^{\circ}\text{C}$  to  $+110^{\circ}\text{C}$
- Short circuit temperature:  $200^{\circ}\text{C}$
- Flame retardant: IEC 60332 -1
- Halogen-free: IEC 60754-1
- Low smoke: IEC 60754-2
- Smoke density: IEC 61034



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Cross-linked elastomere insulation

Tinned copper conductor

Cross-linked elastomere outer jacket

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## German Standard (VDE)

### Cable Parameter

AWG	No. of Cores x Nominal Cross Sectional Area # x mm <sup>2</sup>	Nominal Thickness of Insulation mm	Nominal Thickness of sheath mm	Nominal Overall Diameter mm	Nominal Weight kg/km
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	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