



### 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, CEI 20-19/11, NFC 32-102-11

#### Cable Construction

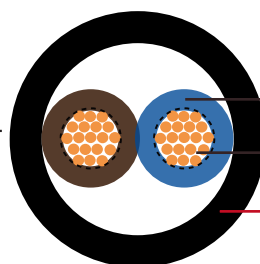
- Fine tinned copper strands
- Strands to VDE-0295 Class-5, IEC 60228 CI-5
- Cross-linked elastomere E13 insulation
- Color code VDE-0293-308
- Cross-linked elastomere EM 9 outer jacket - black

#### 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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### Cable Parameter

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