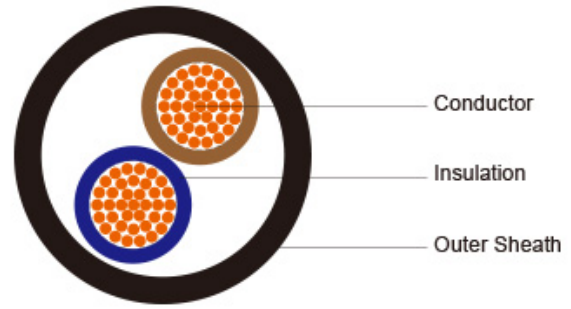


**German Standard Industrial Cables H05GG-F**



**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  
CEI 20-19/11  
NFC 32-102-11

**Cable Construction**

Fine tinned copper strands  
Strands to VDE-0295 Class-5, IEC 60228 Cl-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 x Ø  
STATIC BENDING RADIUS: 3 x Ø  
TEMPERATURE RANGE: -15 °C to +110 °C  
SHORT CIRCUIT TEMPERATURE: 200 °C  
FLAME RETARDANT: IEC 60332 -1  
HALOGEN-FREE: IEC 60754-1  
LOW SMOKE: IEC 60754-2  
SMOKE DENSITY: IEC 61034

**Cable Parameter**

AWG	NO. OF CORES X NOMINAL CROSS SECTIONAL AREA	NOMINAL THICKNESS OF INSULATION	NOMINAL THICKNESS OF SHEATH	NOMINAL OVERALL DIAMETER	NOMINAL WEIGHT
	# X MM <sup>2</sup>	MM	MM	MM	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(50/30)	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(50/30)	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(50/30)	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(50/30)	5x2.5	0.9	1.3	12.8	255