

PVC insulated cord H05VV-F



Application: Suitable for medium mechanical stress in household, kitchen and office rooms. For household appliances even in damp rooms. Suitable for cooking and heating devices if provided that the cable is not in contact with hot parts or is exposed to heat radiation. Not for permanent outdoor use.

Construction and technical data:

Standard:	DIN EN 50525-2-11 (VDE 0285-525-2-11)
Conductor material:	copper, bare
Conductor construction:	Class 5 = flexible
Insulation:	PVC YI2
Sheathing material:	PVC YM2
Flame-retardant:	VDE 0482-332-1-2/IEC 60332-1-2
Max. temperature at conductor, °C:	60 °C
Permitted outer cable temperature, fixed, °C:	50 °C
Permitted outer cable temperature, moved, °C:	5 - 50 °C
Bending radius, fixed installation:	3 x Ø
Bending radius, moving application:	5 x Ø



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

H05VV-F

Nominal voltage U₀:	300 V
Nominal voltage U:	500 V
Test voltage:	2 kV
Core identification:	colours acc. to VDE 0293 (HD308)

part no.	part name	RI [Ohm/km]	I _{bl} [A]	Ø [mm]	Cu	G [kg]
031050	2X0.75 WH	26	6	5.8	14.4	52
030724	2X1 BK	19.5	10	6.5	19	65
030012	2X1 WH	19.5	10	6.5	19	65
030013	2X1.5 BK	13.3	16	7.5	29	90

part no.	part name	RI [Ohm/km]	I _{bl} [A]	Ø [mm]	Cu	G [kg]
030014	2X1.5 WH	13.3	16	7.5	29	90
030039	2X2.5 BK	7.98	20	9	48	115
030015	2X2.5 WH	7.98	20	9	48	115
030016	3G0.75 BK	26	6	6.5	21.6	70
030017	3G0.75 WH	26	6	6.5	21.6	70
030019	3G1 WH	19.5	10	7	29	80
030018	3G1 BK	19.5	10	7	29	80
030021	3G1.5 WH	13.3	16	8.2	43	115
030020	3G1.5 BK	13.3	16	8.2	43	115
031051	3G1.5 GR	13.3	16	8.2	43	115
030023	3G2.5 WH	7.98	20	9.8	72	175
030022	3G2.5 BK	7.98	20	9.8	72	175
031053	4G0.75 BK	26	6	6.7	29	75
031054	4G0.75 WH	26	6	6.7	29	75
031055	4G1 BK	19.5	10	7.2	38	92
034677	4G1 WH	19.5	10	7.2	38.4	92
030024	4G1.5 BK	13.3	16	9.2	58	145
030025	4G1.5 WH	13.3	16	9.2	58	145
030027	4G2.5 WH	7.98	20	10.7	96	210
030026	4G2.5 BK	7.98	20	10.7	96	210
031058	5G0.75 BK	26	6	7.5	36	96
031057	5G0.75 WH	26	6	7.5	36	96
031061	5G1 BK	19.5	10	8	48	113
031060	5G1 WH	19.5	10	8	48	113
030029	5G1.5 WH	13.3	16	10.2	72	175
030028	5G1.5 BK	13.3	16	10.2	72	175
030031	5G2.5 WH	7.98	20	13	120	260
030030	5G2.5 BK	7.98	20	13	120	260

RI	Conductor resistance
I _{bl}	Ampacity in air (30 °C)
Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight per 1000