

# H05VV-F / A05VV-F

## Flexible cable

### DESIGN



- 1 | Copper conductor, fine wire (-F)
- 2 | Core insulation (PVC)
- 3 | Sheath (PVC grey)

### APPLICATION

Permissible for use in areas subject to moderate mechanical stress in households, kitchens and office premises for household appliances. Suitable also for cooking and heating equipment if contact with hot parts and heat radiation is avoided. Not suitable for outdoor use, in industrial premises or for professional power tools.

### TECHNICAL DATA



**Standard:**  
HD 21.5  
EN 50525-2-11



**Rated voltage:**  
300/500 V



**Test voltage:**  
2 kV/50 Hz



**Temperature range:**  
laying temperature: min. +5 °C  
operating temperature: +5 °C up to +50 °C  
conductor temperature: max. +60 °C  
short-circuit temperature: max. +150 °C/5 s



**Bending radius (min.):**  
3 x Ø of cable



**Core identification:**  
HD 308 S2



**Fire properties:**  
flame retardant:  
EN 60332-1-2



**Certificate:**  
EZÚ Czech Republic, ÖVE Austria

Number of cores x nominal cross section (mm <sup>2</sup> )	Max. conductor resistance (Ω/km)	Outer diameter (mm) ca.	Total weight (kg/km) ca.	Standard lengths/packing (m)
<b>H05VV-F</b>				
2 X 0.75	26.000	5.8	60	500 Sp, 1,000 Sp
3 G 0.75	26.000	6.2	70	500 Sp, 1,000 Sp
4 G 0.75	26.000	6.7	80	500 Sp, 1,000 Sp
5 G 0.75	26.000	7.7	100	500 Sp, 1,000 Sp
2 X 1	19.500	6.2	65	50 R, 100 R
3 G 1	19.500	6.6	80	50 R, 100 R, 500 Sp
4 G 1	19.500	7.4	100	50 R, 100 R, 500 Sp
5 G 1	19.500	8.1	115	50 R, 100 R, 500 Sp
2 X 1.5	13.300	7.1	90	50 R, 100 R, 500 Sp
3 G 1.5	13.300	7.6	110	50 R, 100 R, 500 Sp
4 G 1.5	13.300	8.5	135	50 R, 100 R, 500 Sp
5 G 1.5	13.300	9.5	165	50 R, 100 R, 500 Sp
2 X 2.5	7.980	8.8	130	50 R, 100 R, 500 Sp, 1,000 Sp
3 G 2.5	7.980	9.3	155	50 R, 100 R, 500 Sp
4 G 2.5	7.980	10.4	195	50 R, 100 R, 500 Sp
5 G 2.5	7.980	11.7	240	50 R, 100 R, 500 Sp
4 G 4	4.950	12.0	285	50 R, 100 R, 500 D, 1,000 D
5 G 4	4.950	13.3	320	50 R, 100 R, 500 D, 1,000 D

## H05VV-F / A05VV-F

Number of cores x nominal cross section (mm <sup>2</sup> )	Max. conductor resistance (Ω/km)	Outer diameter (mm) ca.	Total weight (kg/km) ca.	Standard lengths/packing (m)
<b>H05VV-F</b>				
4 G 6	3.300	14.7	380	50 R, 100 R, 500 D, 1,000 D
5 G 6	3.300	16.7	475	50 R, 100 R, 500 D, 1,000 D
<b>A05VV-F</b>				
7 G 0.75	26.000	8.5	130	500 D, 1,000 D
10 G 0.75	26.000	11.0	200	500 D, 1,000 D
12 G 0.75	26.000	11.5	230	500 D, 1,000 D
14 G 0.75	26.000	12.0	260	500 D, 1,000 D
16 G 0.75	26.000	13.0	290	500 D, 1,000 D
19 G 0.75	26.000	14.0	340	500 D, 1,000 D
7 G 1	19.500	9.0	140	500 D, 1,000 D
10 G 1	19.500	11.7	210	500 D, 1,000 D
12 G 1	19.500	12.1	235	500 D, 1,000 D
14 G 1	19.500	13.0	300	500 D, 1,000 D
16 G 1	19.500	13.9	310	500 D, 1,000 D
19 G 1	19.500	14.5	350	500 D, 1,000 D
7 G 1.5	13.300	10.6	190	50 R, 100 R, 500 Sp, 1,000 D
10 G 1.5	13.300	13.7	290	500 D, 1,000 D
12 G 1.5	13.300	14.2	325	500 D, 1,000 D
14 G 1.5	13.300	14.9	365	500 D, 1,000 D
16 G 1.5	13.300	16.0	480	500 D, 1,000 D
19 G 1.5	13.300	16.4	565	500 D, 1,000 D
7 G 2.5	7.980	13.0	295	500 D, 1,000 D
10 G 2.5	7.980	16.5	435	500 D, 1,000 D
12 G 2.5	7.980	17.5	570	500 D, 1,000 D
14 G 2.5	7.980	18.3	665	500 D, 1,000 D
16 G 2.5	7.980	20.0	750	500 D, 1,000 D
19 G 2.5	7.980	21.0	850	500 D, 1,000 D

Subject to technical changes.