

# H05VV-F (YMM) / A05VV-F (YMM)

## Flexible cable

### Standard: ÖVE/ÖNORM E 8241 (HD 21)

#### Usage:

Can be used in areas subject to moderate mechanical stressing in households and office premises and for domestic appliances (including those in damp premises). Not suitable for installation in the open air, in industrial premises or for connection of power tools used industrially.



#### Construction:

- 1 Copper conductor, fine wire
- 2 Core insulation (PVC)
- 3 Sheath (PVC grey RAL 7035 resp. special colours)



**Rated voltage:** 300/500 V



**Test voltage:** 2000 Veff



**Temperature range:**

laying temperature: min. +5 °C  
 operating temperature: +5 °C 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:**

coloured resp. black with number printing (ÖVE/ÖNORM E 8241)



**Fire properties:**

flame retardant (EN 50265-2-1, IEC 60332-1)



**Test certificate:**

ÖVE Austria, EZÚ Czech Republic, GOST Russia

Number of cores x nominal cross section (mm <sup>2</sup> )	Colour of sheath	Max. conductor resistance (Ω/km)	Outer diameter (mm) ca.	Metal weight (kg/km)	Total weight (kg/km) ca.	Standard lengths/packing (m)
<b>H05VV-F (YMM-O)</b>						
2 X 0.75	hgr	26.0	5.8	15.0	57	500 Sp, 1000 Sp
3 X 0.75	hgr	26.0	6.2	22.5	67	500 Sp, 1000 Sp
4 X 0.75	hgr	26.0	6.7	30.0	79	500 Sp, 1000 Sp
5 X 0.75	hgr	26.0	7.7	37.5	97	500 Sp, 1000 Sp
2 X 1	hgr	19.5	6.2	20.0	64	50 R, 100 R
3 X 1	hgr	19.5	6.6	30.0	76	500 Sp, 1000 Sp
4 X 1	hgr	19.5	7.4	40.0	96	500 Sp, 1000 Sp
5 X 1	hgr	19.5	8.1	50.0	112	500 Sp, 1000 Sp
2 X 1.5	hgr	13.3	7.1	30.0	86	50 R, 100 R, 500 Sp
3 X 1.5	hgr	13.3	7.6	45.0	107	500 Sp, 1000 Sp
4 X 1.5	hgr	13.3	8.5	60.0	132	500 Sp, 1000 Sp
5 X 1.5	hgr	13.3	9.5	75.0	165	500 Sp, 1000 Sp
2 X 2.5	hgr	7.98	8.8	50.0	129	50 R, 100 R, 500 Sp, 1000 Sp
3 X 2.5	hgr	7.98	9.3	75.0	154	500 Sp, 1000 Sp
4 X 2.5	hgr	7.98	10.4	100.0	195	500 Sp, 1000 Sp
5 X 2.5	hgr	7.98	11.7	125.0	239	500 Sp, 1000 Sp
<b>H05VV-F (YMM-J)</b>						
3 G 0.75	hgr	26.0	6.2	22.5	67	500 Sp, 1000 Sp
4 G 0.75	hgr	26.0	6.7	30.0	79	500 Sp, 1000 Sp

# H05VV-F (YMM) / A05VV-F (YMM)

Number of cores x nominal cross section (mm <sup>2</sup> )	Colour of sheath	Max. conductor resistance (Ω/km)	Outer diameter (mm) ca.	Metal weight (kg/km)	Total weight (kg/km) ca.	Standard lengths/packing (m)
<b>H05VV-F (YMM-J)</b>						
5 G 0.75	hgr	26.0	7.7	37.5	97	500 Sp, 1000 Sp
3 G 1	hgr	19.5	6.6	30.0	76	50 R, 100 R, 500 Sp
4 G 1	hgr	19.5	7.4	40.0	96	50 R, 100 R, 500 Sp
5 G 1	hgr	19.5	8.1	50.0	112	50 R, 100 R, 500 Sp
3 G 1.5	hgr	13.3	7.6	45.0	107	50 R, 100 R, 500 Sp
4 G 1.5	hgr	13.3	8.5	60.0	132	50 R, 100 R, 500 Sp
5 G 1.5	hgr	13.3	9.5	75.0	165	50 R, 100 R, 500 Sp
3 G 2.5	hgr	7.98	9.3	75.0	154	50 R, 100 R, 500 Sp
4 G 2.5	hgr	7.98	10.4	100.0	195	50 R, 100 R, 500 Sp
5 G 2.5	hgr	7.98	11.7	125.0	239	50 R, 100 R, 500 Sp
4 G 4	hgr	4.95	12.0	160.0	283	50 R, 100 R, 500 T, 1000 T
5 G 4	hgr	4.95	13.3	200.0	320	50 R, 100 R, 500 T, 1000 T
4 G 6	hgr	3.30	14.7	240.0	379	50 R, 100 R, 500 T, 1000 T
5 G 6	hgr	3.30	16.7	300.0	473	50 R, 100 R, 500 T, 1000 T
<b>A05VV-F (YMM-J)</b>						
7 G 0.75	hgr, sw	26.0	8.5	52.5	130	500 T, 1000 T
10 G 0.75	hgr, sw	26.0	11.0	75.0	200	500 T, 1000 T
12 G 0.75	hgr, sw	26.0	11.5	90.0	230	500 T, 1000 T
14 G 0.75	hgr, sw	26.0	12.0	105.0	260	500 T, 1000 T
16 G 0.75	hgr, sw	26.0	13.0	120.0	290	500 T, 1000 T
19 G 0.75	hgr, sw	26.0	14.0	142.5	340	500 T, 1000 T
7 G 1	hgr, sw	19.5	9.0	70.0	136	500 T, 1000 T
10 G 1	hgr, sw	19.5	11.7	100.0	210	500 T, 1000 T
12 G 1	hgr, sw	19.5	12.1	120.0	233	500 T, 1000 T
14 G 1	hgr, sw	19.5	13.0	140.0	300	500 T, 1000 T
16 G 1	hgr, sw	19.5	13.9	160.0	307	500 T, 1000 T
19 G 1	hgr, sw	19.5	14.5	190.0	349	500 T, 1000 T
7 G 1.5	hgr, sw	13.3	10.6	105.0	189	50 R, 100 R, 500 Sp, 1000 T
10 G 1.5	hgr, sw	13.3	13.7	150.0	286	500 T, 1000 T
12 G 1.5	hgr, sw	13.3	14.2	180.0	323	500 T, 1000 T
14 G 1.5	hgr, sw	13.3	14.9	210.0	363	500 T, 1000 T
16 G 1.5	hgr, sw	13.3	16.0	240.0	480	500 T, 1000 T
19 G 1.5	hgr, sw	13.3	16.4	285.0	463	500 T, 1000 T
7 G 2.5	hgr, sw	7.98	13.0	175.0	294	500 T, 1000 T
10 G 2.5	hgr, sw	7.98	16.5	250.0	431	500 T, 1000 T
12 G 2.5	hgr, sw	7.98	17.5	300.0	570	500 T, 1000 T
14 G 2.5	hgr, sw	7.98	18.3	350.0	564	500 T, 1000 T
16 G 2.5	hgr, sw	7.98	20.0	400.0	750	500 T, 1000 T
19 G 2.5	hgr, sw	7.98	21.0	475.0	850	500 T, 1000 T

Subject to technical changes.