



We Make Modern
Life Possible

FLEXIBLE CABLES

H05VV-F (YMM)

PVC Control cable, medium duty



TECHNICAL DATA



Standard
EN 50525-2-11



Certificate
ÖVE Austria



Test Voltage
2 kV / 50 Hz



Rated Voltage
300/500 V (U₀/U)



Bending radius (min.)
3 x Ø of cable



Fire properties
EN 60332-1-2: flame retardant
OPR classification: Eca



Core identification
colours according to CENELEC HD 308 S2



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

DESIGN



Copper conductor, fine wire (-F)



Core insulation (PVC)



Sheath (PVC grey RAL 7035 or special colour)

Number of cores x nominal cross-section (mm²)	Max. conductor resistance (Ω/km)	Outer diameter appr. (mm)	Total weight appr. (kg/km)	Standard lengths/packing (m)
2 x 0,75	26.0	5.8	57	500 Sp, 1000 Sp
3 G 0,75	26.0	6.2	67	500 Sp, 1000 Sp
4 G 0,75	26.0	6.7	79	500 Sp, 1000 Sp
5 G 0,75	26.0	7.7	97	500 Sp, 1000 Sp
7 G 0,75	26.0	8.5	130	500 T, 1000 T
10 G 0,75	26.0	11.0	200	500 T, 1000 T
12 G 0,75	26.0	11.5	230	500 T, 1000 T
14 G 0,75	26.0	12.0	260	500 T, 1000 T
16 G 0,75	26.0	13.0	290	500 T, 1000 T
19 G 0,75	26.0	14.0	340	500 T, 1000 T
2 x 1	19.5	6.2	64	500 Sp, 1000 Sp
3 G 1	19.5	6.6	76	500 Sp, 1000 Sp
4 G 1	19.5	7.4	96	500 Sp, 1000 Sp
5 G 1	19.5	8.1	112	500 Sp, 1000 Sp
7 G 1	19.5	9.0	136	500 T, 1000 T
10 G 1	19.5	11.7	210	500 T, 1000 T
12 G 1	19.5	12.1	233	500 T, 1000 T
14 G 1	19.5	13.0	300	500 T, 1000 T
16 G 1	19.5	13.9	307	500 T, 1000 T
19 G 1	19.5	14.5	349	500 T, 1000 T
2 x 1,5	13.3	7.1	86	500 Sp, 1000 Sp
3 G 1,5	13.3	7.6	107	500 Sp, 1000 Sp
3 x 1,5	13.3	7.6	107	500 Sp, 1000 Sp
4 G 1,5	13.3	8.5	132	500 Sp, 1000 Sp
5 G 1,5	13.3	9.5	165	500 Sp, 1000 Sp
7 G 1,5	13.3	10.6	189	500 T, 1000 T
10 G 1,5	13.3	13.7	286	500 T, 1000 T
14 G 1,5	13.3	14.9	363	500 T, 1000 T
16 G 1,5	13.3	16.0	463	500 T, 1000 T
19 G 1,5	13.3	16.4	480	500 T, 1000 T
2 x 2,5	7.98	8.8	129	500 Sp, 1000 Sp
3 G 2,5	7.98	9.3	154	500 Sp, 1000 Sp
3 x 2,5	7.98	9.3	154	500 Sp, 1000 Sp
4 G 2,5	7.98	10.4	195	500 Sp, 1000 Sp
5 G 2,5	7.98	11.7	239	500 Sp, 1000 Sp
7 G 2,5	7.98	13.0	294	500 T, 1000 T
10 G 2,5	7.98	16.5	431	500 T, 1000 T
12 G 2,5	7.98	17.5	564	500 T, 1000 T
14 G 2,5	7.98	18.3	570	500 T, 1000 T
16 G 2,5	7.98	20.0	750	500 T, 1000 T
19 G 2,5	7.98	21.0	850	500 T, 1000 T
4 G 4	4.95	12.0	283	500 Sp, 1000 Sp
5 G 4	4.95	13.3	320	500 Sp, 1000 Sp
4 G 6	3.3	14.7	379	500 Sp, 1000 Sp



Number of cores x nominal cross-section (mm²)	Max. conductor resistance (Ω/km)	Outer diameter appr. (mm)	Total weight appr. (kg/km)	Standard lengths/packing (m)
5 G 6	3.3	16.0	470	500 Sp, 1000 Sp

CONTACT PERSON

Dogan Özcan
Head of Technical Department
+43 (0) 1 70170-154
dogan.oezcan@skw.at

