

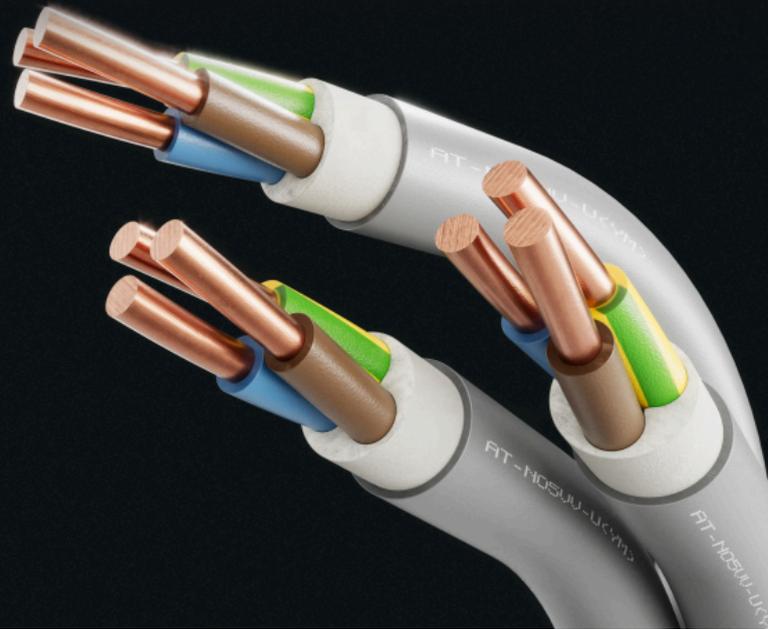


AT-N05VV-U (YM)

PVC sheathed

INSTALLATION AND HARMONISED CABLES AND WIRES

For the fixed installation in dry and damp premises. Not suitable for unprotected installation in the open air or directly in tamped concrete.



TECHNICAL DATA



Standard
ÖVE/ÖNORM E 8242



Test Voltage
2 kV / 50 Hz



Rated Voltage
300/500 V (U₀/U)



Bending radius (min.)
4 x Ø der Leitung



Fire properties
EN 60332-1-2: Selfexhausting
CPR Classification: Eca



Core identification
HD 308 S2



Temperature range
Laying temperature: min. 5°C
Operating temperature: -40°C up to 70°C
Conductor temperature: max. 70°C
Short circuit temperature: max. 160°C

DESIGN



- 1 Copper conductor, round solid (RE)
- 2 Core insulation (PVC)
- 3 Inner covering (EPDM)
- 4 Sheath (PVC, grey RAL 7035 or other colour)

Number of cores x nominal cross-section (mm ²)	Max. conductor resistance (Ω/km)	Fire load (kWh/m)	Outer diameter appr. (mm)	Total weight appr. (kg/km)	Standard lengths/packing (m)
2 x 1,5 RE	12.1	0.42	8.3	98	50 R, 100 R, 500 Sp, 1000 Sp
3 x 1,5 RE	12.1	0.44	8.5	117	50 R, 100 R, 500 Sp, 1000 Sp
4 x 1,5 RE	12.1	0.52	9.4	134	50 R, 100 R, 500 Sp, 1000 Sp
5 x 1,5 RE	12.1	0.58	10.2	163	50 R, 100 R, 500 Sp, 1000 Sp
7 x 1,5 RE	12.1	0.67	11.4	197	50 R, 100 R, 500 Sp, 1000 Sp
10 x 1,5 RE	12.1	1.05	14.5	307	50 R, 100 R, 500 Sp, 1000 Sp
12 x 1,5 RE	12.1	1.17	14.9	346	50 R, 100 R, 500 Sp, 1000 Sp
2 x 2,5 RE	7.41	0.53	9.6	125	50 R, 100 R, 500 Sp, 1000 Sp
3 x 2,5 RE	7.41	0.58	10.1	165	50 R, 100 R, 500 Sp, 1000 Sp
4 x 2,5 RE	7.41	0.67	11.0	204	50 R, 100 R, 500 Sp, 1000 Sp
5 x 2,5 RE	7.41	0.75	12.0	245	50 R, 100 R, 500 Sp, 1000 Sp
7 x 2,5 RE	7.41	0.88	12.8	314	50 R, 100 R, 500 Sp, 1000 Sp
2 x 4 RE	4.61	0.72	9.4	173	50 R, 100 R, 500 Sp, 1000 Sp
3 x 4 RE	4.61	0.72	11.7	237	50 R, 100 R, 500 Sp, 1000 Sp
4 x 4 RE	4.61	0.92	12.7	294	50 R, 100 R, 500 Sp, 1000 Sp
5 x 4 RE	4.61	1.11	13.8	352	50 R, 100 R, 500 Sp, 1000 Sp
3 x 6 RE	3.08	0.92	14.4	332	50 R, 100 R, 500 Sp, 1000 Sp
4 x 6 RE	3.08	1.08	14.6	405	50 R, 100 R, 500 Sp, 1000 Sp
5 x 6 RE	3.08	1.28	15.9	496	50 R, 100 R, 500 Sp, 1000 Sp
3 x 10 RE	1.83	1.28	17.3	619	500 D, 1000 D
4 x 10 RE	1.83	1.5	19.1	756	500 D, 1000 D
5 x 10 RE	1.83	1.83	21.0	860	500 D, 1000 D

CONTACT PERSON

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

