We Make Modern
Life Possible.



PVC AND RUBBER CABLES AND WIRES

AT-N05VV-U (YM)

PVC sheated

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 (Uo/U)

Bending radius (min.)
4 x Ø of the cable

Fire properties
EN 60332-1-2: flame retardant and self-extinguishing
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 (mm²)	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

Technical changes reserved. All figures are therefore without guarantee.

CONTACT PERSON

Natalia Dikovits
Sales
+43 (0) 1 70170-120
natalia.dikovits@skw.at

