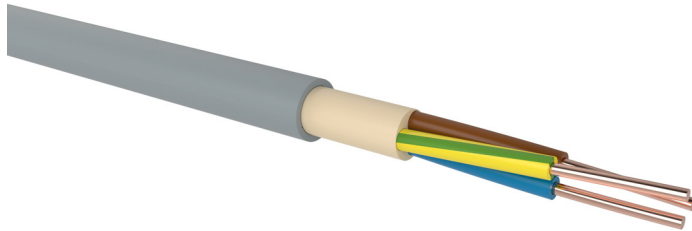


AT-H05VV-U or -R (YM)

PVC installation cable

DESIGN



- 1 | Copper conductor, round solid (RE) resp. round stranded (RM)
- 2 | Core insulation (PVC)
- 3 | Inner covering (EPDM)
- 4 | Sheath (PVC grey RAL 7035 or special colour)

APPLICATION

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



Rated voltage:
300/500 V (U₀/U)



Test voltage:
2 kV / 50 Hz



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/5 s



Bending radius (min.):
4 x Ø of cable



Core identification:
HD 308 S2



Fire properties:
EN 60332-1-2: flame retardant
CPR classification: E_{ca}

Number of cores x nominal cross-section (mm ²)	Max. conductor resistance (Ω/km)	Fire load (kWh/m)	Outer diameter (mm) appr.	Total weight (kg/km) appr.	Standard lengths/packing (m)
AT-H05VV-U or -R (YM)					
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	100 R, 500 Sp, 1000 Sp
12 x 1.5 RE	12.1	1.17	14.9	346	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	500 Sp, 1000 Sp
5 x 2.5 RE	7.41	0.75	12.0	245	50 R, 100 R, 500 Sp, 1000 Sp

AT-H05VV-U or -R (YM)

PVC installation cable

Number of cores x nominal cross-section (mm ²)	Max. conductor resistance (Ω/km)	Fire load (kWh/m)	Outer diameter (mm) appr.	Total weight (kg/km) appr.	Standard lengths/ packing (m)
AT-H05VV-U or -R (YM)					
7 x 2.5 RE	7.41	0.88	12.8	314	100 R, 500 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	500 D, 1000 D
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
4 x 10 RM	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
5 x 10 RM	1.83	1.83	21.0	860	500 D, 1000 D
4 x 16 RM	1.15	1.86	21.7	972	500 D, 1000 D
5 x 16 RM	1.15	2.31	23.6	1201	500 D, 1000 D

Technical changes reserved. All figures are therefore without guarantee.

23.11.2022, 15:43