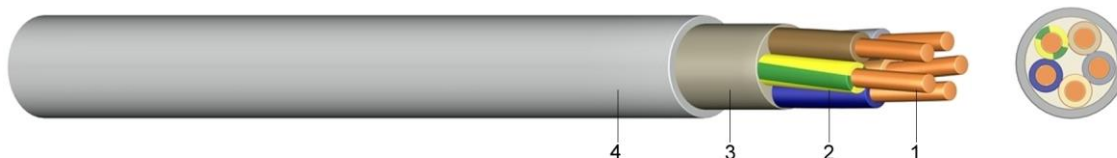




(N)YM PVC Sheathed Wire (AT-N05VV-U)

Application: Only for fixed installations in dry, humid and wet locations. Not suitable for laying directly open-air or in concrete.



Construction:

- 1 bare copper, solid (RE) or stranded (RM)
- 2 polyvinylchloride (PVC) insulation
- 3 common core covering
- 4 polyvinylchloride (PVC) outer sheath, grey or special colours

Information: Core identification at 7 cores: black with figures or colourd cores (core colours: green/yellow, violet, pink, orange, brown, black, blue). From 10 cores on, all cores are black with figures.

Standards:

NYM : DIN VDE 0250-204
 DIN EN 60228 Cl.1(RE) and cl.2(RM) (construction)
 YM/AT-N05VV-U: according to ÖVE / ÖNORM E 8242
 HD 308 S2 (core identification)

Technical data:

Nominal voltage U ₀ /U	[V]	300 / 500 Volt
Test voltage	[V] _{Ac}	2000
Temperature range	in motion fixed	+5°C till +70°C -40°C till +70°C
Operating temperature	short circuit	160°C
Short circuit time	max.	[sec] 5
Bending radius	min.	x diameter 4
Flammability	standard	EN 60332-1-2

Number of cores and nominal cross section mm ²	from stock J	from stock O	Copper figure kg/km	Overall diameter appr.mm	Calorific potential kwh / m	Weight appr. kg / km
1 x 4 RE	●	○	40	6,0	0,25	79
1 x 6 RE	●	○	60	6,8	0,28	105
1 x 10 RE	●	○	100	9,0	0,36	151
1 x 16 RE	●	○	160	10,0	0,42	218
2 x 1,5 RE		●	30	8,5	0,42	105
2 x 2,5 RE		●	50	9,5	0,53	145
3 x 1,5 RE	●	●	45	8,8	0,44	121
3 x 2,5 RE	●	●	75	10,4	0,58	170
3 x 4 RE	●		120	11,5	0,72	241
3 x 6 RE	●		180	13,0	0,92	328
4 x 1,5 RE	●	●	60	9,6	0,53	144
4 x 2,5 RE	●	○	100	11,2	0,67	206
4 x 4 RE	●		160	13,2	0,92	305



Number of cores and nominal cross section mm ²	from stock J	from stock O	Copper figure kg/km	Overall diameter appr.mm	Calorific potential kwh / m	Weight appr. kg / km
4 x 6 RE	●	○	240	14,8	1,08	400
4 x 10 RE	●	●	400	17,8	1,50	622
4 x 10 RM	●	○	400	17,8	1,50	622
4 x 16 RM	●	○	640	21,8	1,86	924
4 x 25 RM	●	●	1.000	24,0	2,89	1.385
4 x 35 RM	●	●	1.400	27,0	3,28	1.850
5 x 1,5 RE	●		75	10,3	0,58	168
5 x 2,5 RE	●		125	12,1	0,75	242
5 x 4 RE	●		200	14,7	1,11	360
5 x 6 RE	●		300	16,1	1,28	476
5 x 10 RE	●		500	19,3	1,83	744
5 x 10 RM	●		500	19,3	1,83	744
5 x 16 RM	●		800	24,2	2,31	1.145
5 x 25 RM	●		1.250	29,1	3,42	1.691
7 x 1,5 RE	●	○	105	11,3	0,67	212
7 x 1,5 RE color. cores	●		105	11,3	0,67	212
10 x 1,5 RE	●		150	14,7	1,05	296
12 x 1,5 RE	●		180	16,0	1,17	345
7 x 2,5 RE	●		175	14,5	0,88	320
3 x 1,5 RE red	●		45	8,8	0,44	121
3 x 2,5 RE red	●		75	10,4	0,58	170