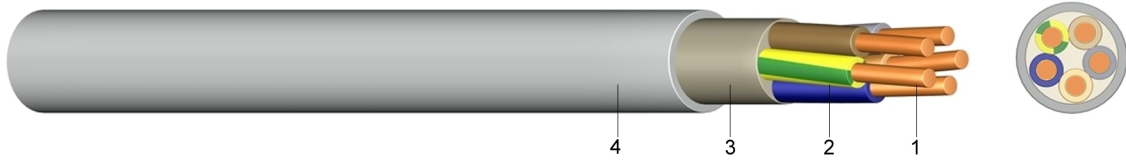


(N)YM PVC Sheathed Wire

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 Class 1 (RE) and class 2 (RM) (construction)
 YM : ÖVE / ÖNORM E 8241
 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		+5°C till +70°C
	fixed		-40°C till +70°C
Operating temperature	short circuit	°C	160
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	Copper figure kg/km	Overall diameter appr.mm	Calorific potential kwh/m	Weight appr. kg/km
1 x 4 RE	38,4	6,0	0,25	79
1 x 6 RE	57,6	6,8	0,28	105
1 x 10 RE	96,0	9,0	0,36	151
1 x 16 RE	153,6	10,0	0,42	218
2 x 1,5 RE	28,8	8,5	0,42	105
2 x 2,5 RE	48,0	9,5	0,53	145
3 x 1,5 RE	43,2	8,8	0,44	121
3 x 2,5 RE	72,0	10,4	0,58	170
3 x 4 RE	115,2	11,5	0,72	241
3 x 6 RE	172,8	13,0	0,92	328
4 x 1,5 RE	57,6	9,6	0,53	144
4 x 2,5 RE	96,0	11,2	0,67	206
4 x 4 RE	153,6	13,2	0,92	305
4 x 6 RE	230,4	14,8	1,08	400
4 x 10 RE	384,0	17,8	1,50	622
4 x 10 RM	384,0	17,8	1,50	622
4 x 16 RM	614,4	21,8	1,86	924

Number of cores and nominal cross section mm²	Copper figure kg/km	Overall diameter appr.mm	Calorific potential kwh/m	Weight appr. kg/km
5 x 1,5 RE	72,0	10,3	0,58	168
5 x 2,5 RE	120,0	12,1	0,75	242
5 x 4 RE	192,0	14,7	1,11	360
5 x 6 RE	288,0	16,1	1,28	476
5 x 10 RE	480,0	19,3	1,83	744
5 x 10 RM	480,0	19,3	1,83	744
5 x 16 RM	768,0	24,2	2,31	1.145
7 x 1,5 RE	100,8	11,3	0,67	212
7 x 1,5 RE color. cores	100,8	11,3	0,67	212
10 x 1,5 RE	144,0	14,7	1,05	296
12 x 1,5 RE	172,8	16,0	1,17	345
7 x 2,5 RE	168,0	14,5	0,88	320
3 x 1,5 RE red	43,2	8,8	0,44	121
3 x 2,5 RE red	72,0	10,4	0,58	170