



## YMS

## PVC Sheathed Wire for Medium-Level Mechanical Stress

### Application:

With middle mechanical demands in dry, humid and wet locations, as well as for the installation outside, however not in earth.



### Construction:

- 1 ..... fine-stranded bare copper
- 2 ..... polyvinylchloride (PVC) insulation
- 3 ..... polyvinylchloride (PVC) outer sheath

### Standards:

DIN EN 60228 class 5 (construction)  
HS 308 S2 (core identification)

### Technical data:

Nominal voltage U <sub>0</sub> /U		[V]	600 / 1000 Volt
Test voltage		[V] <sub>Ac</sub>	2500
Temperature range	in motion		-5°C till +70°C
Bending radius	min.	x diameter	8
Flammability	standard		EN 60332-1-2

Number of cores and nominal cross section mm <sup>2</sup>	Colours	from stock	Copper figure kg/km	Cond. construction (appr. value) mm	Overall diameter appr. mm	Weight appr. kg / km
3 x 1,5	bk	●	45	30 x 0,26	10,8	150
4 x 1,5	bk	●	60	30 x 0,26	11,6	180
5 x 1,5	bk	●	75	30 x 0,26	12,5	210
3 x 2,5	bk	●	75	50 x 0,26	12,0	210
	gr	○	75	50 x 0,26	12,0	210
4 x 2,5	bk	●	100	50 x 0,26	13,0	250
	gr	○	100	50 x 0,26	13,0	250
5 x 2,5	bk	●	125	50 x 0,26	14,0	300
4 x 4	bk	●	160	56 x 0,31	15,0	350
	gr	○	160	56 x 0,31	15,0	350
5 x 4	bk	●	200	56 x 0,31	16,3	430
	gr	●	200	56 x 0,31	16,3	430
4 x 6	bk	●	240	84 x 0,31	16,5	470
5 x 6	bk	●	300	84 x 0,31	18,5	580
	gr	●	300	84 x 0,31	18,5	580
4 x 10	bk	●	400	80 x 0,41	20,0	750
5 x 10	bk	●	500	80 x 0,41	22,0	900
	gr	●	500	80 x 0,41	22,0	900
4 x 16	bk	●	640	128 x 0,41	23,4	1.150
5 x 16	bk	●	800	128 x 0,41	25,4	1.340