

## 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  $U_0/U$   
Test voltage  
Temperature range  
Bending radius  
Flammability

in motion  
min.  
standard

[V]  
[V]<sub>Ac</sub>  
  
x diameter

600 / 1000 Volt  
2500  
-5°C till +70°C  
8  
EN 60332-1-2

Number of cores and nominal cross section mm <sup>2</sup>	Colours	Copper figure	Cond. construction (appr. value) mm	Overall diameter	Weight
		kg/km		appr. mm	appr. kg/km
3 x 1,5	<b>bk</b>	43,2	30 x 0,26	10,8	150
4 x 1,5	<b>bk</b>	57,6	30 x 0,26	11,6	180
5 x 1,5	<b>bk</b>	72,0	30 x 0,26	12,5	210
3 x 2,5	<b>bk</b>	72,0	50 x 0,26	12,0	210
	<b>gr</b>	72,0	50 x 0,26	12,0	210
4 x 2,5	<b>bk</b>	96,0	50 x 0,26	13,0	250
	<b>gr</b>	96,0	50 x 0,26	13,0	250
5 x 2,5	<b>bk</b>	120,0	50 x 0,26	14,0	300
4 x 4	<b>bk</b>	153,6	56 x 0,31	15,0	350
	<b>gr</b>	153,6	56 x 0,31	15,0	350
5 x 4	<b>bk</b>	192,0	56 x 0,31	16,3	430
	<b>gr</b>	192,0	56 x 0,31	16,3	430
4 x 6	<b>bk</b>	230,4	84 x 0,31	16,5	470
5 x 6	<b>bk</b>	288,0	84 x 0,31	18,5	580
	<b>gr</b>	288,0	84 x 0,31	18,5	580
4 x 10	<b>bk</b>	384,0	80 x 0,41	20,0	750
5 x 10	<b>bk</b>	480,0	80 x 0,41	22,0	900
	<b>gr</b>	480,0	80 x 0,41	22,0	900
4 x 16	<b>bk</b>	614,4	128 x 0,41	23,4	1.150
5 x 16	<b>bk</b>	768,0	128 x 0,41	25,4	1.340