

Datasheet YMS

Version 1/2009

PVC Sheathed Wire for Medium-Level Mechanical Stress

Application:

As a connecting pipe for the fixed installation and the adaptable application e.g. in the machine construction and investment construction, 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 with or without rubber inner sheath
- 4 polyvinylchloride (PVC) outer sheath

According to:

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

Technical data:

Nominal voltage U₀/U

[V]

600 / 1000 Volt

Test voltage

[V]_{AC}

2500

Temperature range

in motion
min.

-5 °C till +70 °C

Bending radius

x diameter

8

Flammability

standard

EN 60332-1-2

Number of cores and nominal cross section mm ²	Colours	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