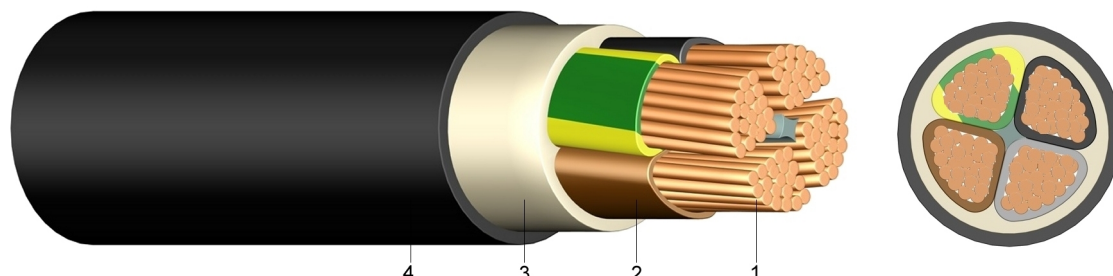


E-Y2Y

PVC Insulated Heavy Current Cable with Copper Conductor and PE Outer Sheath

Application:

This power cable is suitable for fixed installations, preferably in cable ducts, indoors, outdoors, in water or underground if no mechanical damage is to be expected.



Construction:

- 1 solid (RE) or stranded (RM/SM) bare copper
- 2 core insulation of polyvinylchloride (PVC)
- 3 PVC core covering or taping
- 4 outer sheath of polyethylene (PE), black, Shore-hardness >55
UV-resistant

Standards:

ÖVE K 23 and K 603
 HD 603 S1:1994 + A2:2003
 DIN EN 60228 class 1 and 2 (construction)
 HD 308 S2 (core identification)

Technical data:

Nominal voltage U_0/U	[V]	600 / 1000 Volt
Test voltage	[V] _{AC}	4000
Temperature range	in motion fixed	- 5°C till +70°C -20°C till +70°C
Operating temperature	short circuit	°C
Short circuit time	max.	[sec]
Bending radius	single-core style multi-core style	x diameter x diameter
Flammability	standard	EN 60332-1-2

Number of cores and nominal cross section	Copper figure	Overall diameter	Weight	Current carrying capacity ground	Current carrying capacity air
mm ²	kg/km	appr. mm	appr. kg/km	A	A
4 x 6 RE	230,4	15	570	56	43
4 x 10 RE	384,0	20	775	75	60
4 x 10 RM	384,0	20	775	75	60
4 x 16 RE	614,4	21	1.100	98	80
4 x 16 RM	614,4	22	1.100	98	80
4 x 25 RM	960,0	25	1.632	128	106
4 x 35 SM	1.344,0	27	1.959	157	131
4 x 50 SM	1.920,0	32	2.595	185	159
5 x 6 RE	288,0	17	672	*	*
5 x 10 RE	480,0	21	921	*	*

* The current carrying capacity of the cables depends on the number of cores loaded (see DIN VDE 0276-627)