

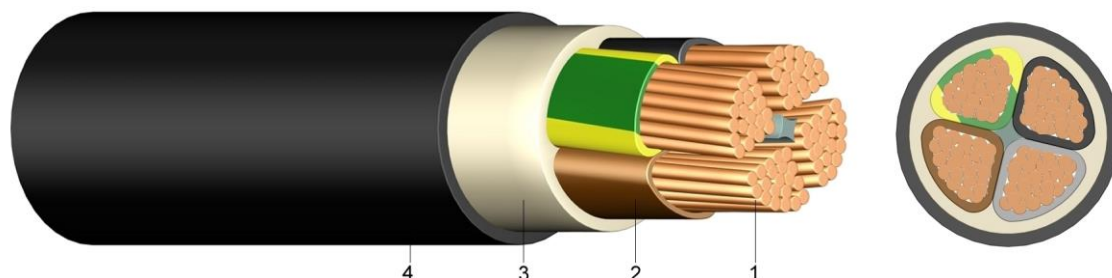


E-Y2Y

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		- 5°C till +70°C
	fixed		-20°C till +70°C
Operating temperature	short circuit	°C	160°C
Short circuit time	max.	[sec]	5
Bending radius	single-core style	x diameter	15
	multi-core style	x diameter	12
Flammability	standard		EN 60332-1-2

Number of cores and nominal cross section	from stock	from stock	Copper figure	Overall diameter	Weight	Current carrying capacity ground	Current carrying capacity air
4 x 6 RE	●	●	240	15	570	56	43
4 x 10 RE	●	●	400	20	775	75	60
4 x 10 RM	●		400	20	775	75	60
4 x 16 RE	●		640	21	1.100	98	80
4 x 16 RM	●		640	22	1.100	98	80
4 x 25 RM	●		1.000	25	1.632	128	106
4 x 35 SM	●		1.400	27	1.959	157	131
4 x 50 SM	●		2.000	32	2.595	185	159
5 x 6 RE	●		300	17	672	58	43
5 x 10 RM	●		500	21	921	78	59