

CYKY 450/750 V

PVC Insulated Current Cable



Application

For installation in, on or under plaster, in dry, damp or wet rooms as well as in walls and concrete. Also suitable for installation outdoors if protected against direct sun irradiation.

Construction

Conductor material	Copper: solid (RE) or stranded (RM)
Insulation	Polyvinylchloride (PVC)
Filling	Core covering or taping
Outer sheath	Polyvinylchloride (PVC), Black

Standards and Certifications

CSN 34 7411
 DIN EIN 60228 class 1 and 2 - (construction)
 This cable is EZU certified



Core Identification

JZ: One core green/yellow, other cores are black with figures

OZ: Every core is black with figures

Technical Data

Nominal voltage U_0/U	[V]	300 / 500 V
Test voltage	[V]AC	2000
Temperature range	in motion °C	-5°C till +70°C
	fixed °C	-30°C till +70°C
Operating temperature	short circuit °C	150°C
Short circuit time	max. [sec]	5
Bending radius	one time/fixed x diameter	6
	in motion x diameter	15

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Fire classification CPR class

Reaction to fire EN 60332-1-2 - Eca

Number of cores x Cross- section	Overall diameter (approx.) [mm]	Weight (approx.) [kg/km]	Maximum electrical resistance at 20° C [Ω/km]
2 x 1.5	7.2	86	12.1
2 x 2.5	8.4	118	7.41
2 x 4	9.7	165	4.61
3 x 1.5	7.6	103	12.1
3 x 2.5	9	150	7.41
3 x 4	10.2	204	4.61
3 x 6	11.3	273	3.08
3 x 10	14	448	1.83
4 x 1.5	8.6	126	12.1
4 x 2.5	10.5	185	7.41
2 x 16	16.8	1005	1.15
4 x 4	11.2	256	4.61
4 x 6	12.4	345	3.08
4 x 10	15.3	568	1.83
4 x 16 RE	17.6	850	1.15
4 x 16 RM	19.3	902	1.15
5 x 1.5	9.3	159	12.1
5 x 2.5	11.4	231	7.41
5 x 4	12.2	320	4.61
5 x 6	13.5	432	3.08
5 x 10	17.2	734	1.83
5 x 16 RE	20.6	1055	1.15
5 x 16 RM	21.6	1106	1.15
7 x 1.5	10.3	193	12.1
7 x 2.5	12	285	7.41
12 x 1.5	13	327	12.1
12 x 2.5	15.6	490	7.41

Designation

RE Solid round conductors

RM Stranded round conductors

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