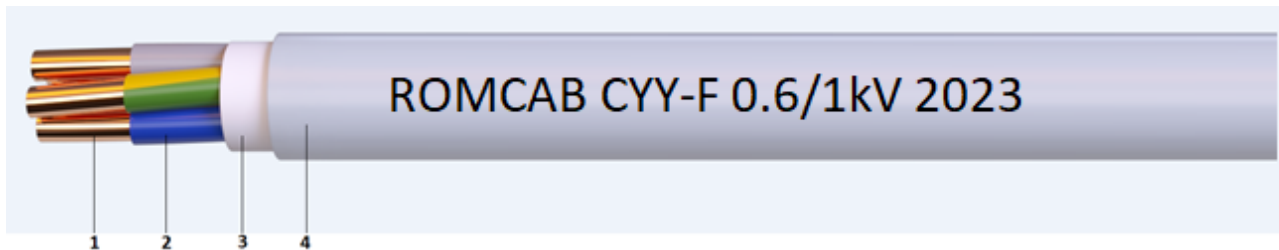


CYY-F 0,6/1kV - PVC Insulated Current Cable



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. Conductor	-	Copper : solid (RE) or stranded (RM)
2. Insulation	-	core insulation of polyvinylchloride (PVC)
3. Filling	-	core covering or taping
4. Outer sheath	-	Polyvinylchloride (PVC), Black or Gray

Standards: SP 106 / 2023

Core identification: Accordance to HD 308 S2

Technical data:	Nominal voltage U_0/U	[V]	600/1000 Volt
	Test Voltage	[V]AC	4000
	Temperature range	in motion °C	-5°C till +70°C
		Fixed °C	-20°C till +70°C

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Operating temperature	short circuit	°C	160°C ≤ 300mm ² 140°C > 300mm
Short circuit time	max.	[sec]	5
Bending radius	single core	x diameter	15
	Multi core		12

Flammability: Reaction to fire EN 60332-3 – Eca

Number of cores x Cross-section	Informativ Outer Diameter [mm]	Weight (approx.) [kg/km]
1 x 16 RM	9.4	201
1 x 25 RM	11.0	297
1 x 35 RM	12.4	396
1 X 50 RM	14.4	536
1 x 70 RM	15.9	719
1 x 95 RM	18.3	969
1 x 120 RM	19.2	1173
1 x 150 RM	21.4	1436
1 x 185 RM	24.1	1782
1 x 240 RM	26.7	2300
1 x 300 RM	29.5	2847
2 x 1.5 RE	7.1	86
2 x 2.5 RE	8.0	116
2 x 4 RE	9.3	165
2 x 6 RE	10.2	214
2 x 10 RE	13.3	363
2 x 16 RE	15.6	524
2 x 16 RM	17.2	578
2 x 25 RM	20.8	875
2 x 35 RM	22.8	1110
2 x 50 RM	25.9	1462
2 x 70 RM	29.1	1954
2 x 95 RM	34.2	2694
3 x 1.5 RE	7.5	101
3 x 2.5 RE	8.5	141
3 x 4 RE	9.9	202
3 x 6 RE	10.9	266
3 x 10 RE	14.2	452

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Number of cores x Cross-section	Informativ Outer Diameter [mm]	Weight (approx.) [kg/km]
3 x 16 RE	16.5	657
3 x 16 RM	18.4	715
3 x 25 RM	22.2	1087
3 x 25 RM + 16 RM	24.4	1397
3 x 35 RM	24.3	1394
3 X 35RM + 16 RM	26.5	1616
3 x 50 SM + 25 RM	28.3	2112
3 x 70 SM + 35 SM	31.2	2791
3 x 95 SM	35.6	3253
3 x 95 SM + 50 SM	37.6	3862
3 x 120 SM + 70 SM	39.6	4443
3 x 150 SM	36.4	4467
3 x 150 SM + 70 SM	45.2	5717
3 x 185 SM + 95 SM	48.2	6696
3 x 240 SM + 120 SM	56.2	8911
4 x 1.5 RE	8.2	124
4 x 2.5 RE	9.3	173
4 x 4 RE	10.8	252
4 x 6 RE	12.3	346
4 x 10 RE	16.1	588
4 x 16 RE	18.1	828
4 x 16 RM	20.2	894
4 x 25 RM	24.4	1365
4 x 35 RM	26.8	1759
4 x 95 SM	35.2	3753
5 x 1.5 RE	8.9	149
5 x 2.5 RE	10.1	208
5 x 4 RE	12.2	317
5 x 6 RE	13.5	420
5 x 10 RE	17.5	710
5 x 16 RE	19.9	1010
5 x 16 RM	22.1	1086
5 X 25 RM	26.7	1659
5 x 35 RM	29.4	2147
5 x 50 RM	34.2	2905
5 x 70 RM	38.4	3939
5 x 95 RM	45.4	5447
5 x 120 RM	48.1	6580
5 x 150 RM	54.5	8191
5 x 185 RM	62.1	10318
5 x 240 RM	69.0	13264

Designation

RE	Solid round conductors
RM	Stranded round conductors
SM	Stranded sector conductors