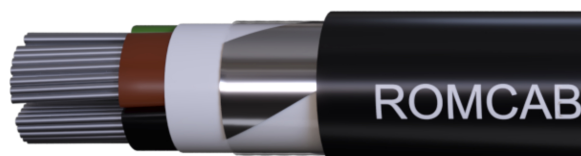


AC2XABY - F 0,6/1kV

Crosslinked polyethylene insulated PVC sheathed power cable, steel tape armored. Aluminium conductor



Application

Power supply to power stations. The cables must be protected against: corozive chemicals and chemical solvents . UV resistant cables.

Construction

Monowire or multi wire aluminium conductors

XLPE Insulated conductors

Filler

PVC Inner sheath

Blank or zinc-plated cold rolled

PVC Outer sheath

Standards and Certifications

SR CEI 60502

SR EN 60228

Technical Data

Nominal voltage U ₀ /U	[V]	600 / 1000V
Test voltage	[V]AC	4000V
Min. perm. temperature	with installation and handling	-5°C
	storage	-40°C
Max. perm. temperature	storage	+90°C
Operating temperature	Max.	+250°C
Short circuit time	Max. [sec]	5
Bending radius	multi core x diameter	12

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Number of cores x Cross- section	Overall diameter (approx.) [mm]	Weight (approx.) [kg/km]	Maximum electrical resistance at 20° C [Ω/km]
1 x 50 RM	17.5	380	0.641
1 x 70 RM	20	470	0.443
1 x 95 RM	22	600	0.32
1 x 120 RM	23	680	0.253
1 x 150 RM	26	820	0.206
1 x 185 RM	28	1010	0.164
1 x 240 RM	31	1180	0.125
1 x 300 RM	33	1400	0.1
3 x 10 RE	19.5	330	3.08
3 x 16 RE	22.5	430	1.91
3 x 25 RM	27	590	1.2
3 x 35 RM + 16 RE	32.5	800	0.868 / 1.91
3 x 50 SM + 25 RM	36	1020	0.641 / 1.2
3 x 70 SM + 35 SM	38	1320	0.443 / 0.868
3 x 120 SM + 70 SM	45.5	2300	0.253 / 0.443
3 x 150 SM + 70 SM	51	2800	0.206 / 0.443
3 x 185 SM + 95 SM	54	3310	0.164 / 0.32
3 x 240 SM + 120 SM	61	4100	0.125 / 0.253
4 x 10 RE	22	400	3.08
4 x 16 RE	24	510	1.91
4 x 25 RM	27	720	1.2
4 x 35 RM	28.5	900	0.868
4 x 50 SM	31	1120	0.641
4 x 70 SM	35	1420	0.443
4 x 95 SM	39	2110	0.32
4 x 120 SM	45.5	2550	0.253
4 x 150 SM	51	3100	0.206

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Number of cores x Cross- section	Overall diameter (approx.) [mm]	Weight (approx.) [kg/km]	Maximum electrical resistance at 20° C [Ω/km]
4 x 185 SM	54	3700	0.164
4 x 240 SM	61	4650	0.125
5 x 10 RE	22.5	460	3.08
5 x 16 RE	26	603	1.91
5 x 25 RM	33	850	1.2
5 x 35 RM	35	1072	0.868
5 x 50 RM	40	1400	0.641
5 x 70 RM	43	1650	0.443

Designation

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

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