

■ YAKXS(żo) 0,6/1 kV

Power and telecommunication cables



TECHNICAL INFORMATION:

Power cable (K), aluminium conductors (A) in cross-linked polyethylene insulation (XS), PVC sheath (Y), with green and yellow PE conductor (żo).

CONSTRUCTION:

Conductors	aluminium	
	RE - round single wire, class 1	
	SE - sector single wire, class 1	
	RM - round multistranded, class 2	
	SM - sector multistranded, class 2	
Insulation	cross-linked polyethylene (XLPE)	
	special PVC black UV resistant	
Insulation colour	1-wire: brown, black, grey, blue	
	2-wire: blue, brown	
	3-wire: brown, black, grey	
	4-wire: blue, brown, black, grey	
	5-wire: blue, brown, black, grey, black	
	1-wire (żo): green and yellow	
	3-wire (żo): green and yellow, blue, brown	
	4-wire (żo): green and yellow, brown, black, grey	
	5-wire (żo): green and yellow, blue, brown, black, grey	
Operating temperature	-30°C to +90°C	
Nominal voltage	0,6/1 kV	
Minimum bending radius	conductor outer diameter D [mm]	
	single core cables	15xD
	multicore cables	12xD
Application	power cables are intended for electrical power transmission, the cables are used in power equipment at industrial plants, power plants and local power supply grids, they can be used for permanent laying indoor and outdoor, in cable ducts or directly in the ground, the conductor insulation made of cross-linked polyethylene gives improved electrical performance, smaller size and lower weight in comparison to PVC insulated cables	
Packing	drums	

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Liczba i przekrój znamionowy żył [n x mm²]	Przybliżona średnica zewnętrzna kabla [mm]	Orientacyjna masa kabla [kg/km]
1 x 10 RE	7,6	73
1 x 16 RE	8,6	96
1 x 25 RE	10,1	140
1 x 25 RMC	10,2	138
1 x 35 RE	11,0	171
1 x 35 RMC	11,3	176
1 x 50 RMC	12,7	229
1 x 70 RMC	14,5	303
1 x 95 RMC	16,5	396
1 x 120 RMC	17,3	459
1 x 150 RMC	19,5	578
1 x 185 RMC	21,6	706
1 x 240 RMC	24,4	903
1 x 300 RMC	27,1	1117
1 x 400 RMC	32,1	1465
1 x 500 RMC	34,7	1780
1 x 625 RMC	40,3	2250
1 x 630RMC	40,3	2250
3 x 10 RE	15,4	260
3 x 16 RE	17,2	434
3 x 25 RE	20,7	661
3 x 25 RMC	21,9	639
3 x 35 RE	23,2	810
3 x 35 RMC	24,1	785
3 x 50 RMC	26,2	1088
3 x 70 RMC	31,7	1442
3 x 95 RMC	35,5	1841
3 x 120 RMC	39,0	2227
3 x 150 RMC	43,5	2767
3 x 185 RMC	49,6	3380
4 x 6 RE	13,7	239
4 x 10 RE	16,8	312
4 x 16 RE	18,7	522
4 x 16 RMC	20,1	536
4 x 25 RMC	24,0	752
4 x 25 SE	20,4	512
4 x 25 RE	22,7	697
4 x 35 SE	22,8	655
4 x 35 RMC	26,4	938
4 x 35 RE	25,3	899
4 x 50 SE	24,7	802
4 x50 RMC	30,0	1345
4 x 70 SE	29,1	1102
4 x 70 RMC	35,1	1650
4 x 95 SE	33,7	1515

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4 x 95 RMC	39,4	2125
4 x 120 SE	37,7	1887
4 x 120 RMC	43,2	2582
4 x 150 SE	39,5	2180
4 x 150 SM	41,2	2375
4 x 185 SE	43,9	2730
4 x 240 SE	49,2	3552
4 x 240 RMC	60,2	4898
4 x 300 RMC	59,4	6285
4 x 35 SM	21,7	679
4 x 70 SM	31,5	1198
4 x 95 SM	34,0	1530
4 x 120 SM	38,1	1906
4 x 150 SM	42,2	2329
4 x 185 SM	46,9	2895
4 x 240 SM	57,8	3820
4 x 300 SM	59,4	4550
5 x 10 RE	17,9	309
5 x 16 RE	20,3	653
5 x 16 RMC	21,9	615
5 x 25 RE	24,4	1008
5 x 25 RMC	26,1	869
5 x 35 RE	27,7	1239
5 x 35 RMC	29,0	1062
5 x 50 SE	30,5	1040
5 x 50 RMC	33,0	1436
5 x 70 SE	32,5	1380
5 x 70 RMC	38,7	1934
5 x 95 SE	35,5	1800
5 x 120 SE	40,5	2190
5 x 185 RMC	60,5	4925
5 x 240RMC	67,1	6165

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