

NAYY (E-AYY)

PVC Insulated Cable with Aluminium Conductor

Adapted to DIN VDE 0276-603 / ÖVE K603



Construction

Round or sector-shaped conductor of solid or stranded aluminium wires, PVC insulation, common core covering or taping, black PVC outer sheath with normalised marking and meter marking.

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.

Temperature range

- 5°C till + 70°C

Number of cores and nominal cross section	Price		Alumi- nium figure kg / km	Overall diameter		Weight ca. kg / km	Current carrying	
	EUR / km			min. value ca. mm	max. value		ground	air
mm ²							A	
NAYY 0,6/1 KV	J*	O						
1 x 50 RM		2.386,46	147	13	17	330	151	131
1 x 120 RM		4.672,55	353	19	23	650	253	239
1 x 150 RM		5.504,32	441	21	25	780	284	273
1 x 185 RM		6.537,75	544	23	27	930	313	317
1 x 240 RM		8.136,17	706	26	30	1170	362	378
1 x 300 RM		10.512,00	882	29	33	1440	415	434
3 x 240/120 SM	31.481,15	31.481,15	2470	54	60	4200	364	338
4 x 25 RE	5.334,15	5.334,15	294	24	28	890	99	83
4 x 35 RE	6.421,45	6.421,45	412	27	31	1090	118	102
4 x 50 SE	7.627,01	7.627,01	588	28	33	1150	142	124
4 x 70 SE	10.177,78	10.177,78	823	33	38	1550	176	158
4 x 95 SE	12.928,78	12.928,78	1117	35	40	2010	211	190
4 x 120 SE	16.206,24	16.206,24	1411	41	46	2400	242	220
4 x 150 SE	19.058,11	19.058,11	1764	44	49	2910	270	252
4 x 25 RM	6.016,90	6.016,90	294	24	28	890	99	83
4 x 35 SM	6.921,07	6.921,07	412	28	32	1090	118	102
4 x 50 SM	8.202,79	8.202,79	588	30	34	1150	142	124
4 x 70 SM	10.916,82	10.916,82	823	33	38	1550	176	158
4 x 95 SM	14.099,25	14.099,25	1117	37	42	2010	211	190
4 x 120 SM	17.635,59	17.635,59	1411	43	48	2400	242	220
4 x 150 SM	20.278,42	20.278,42	1764	46	51	2910	270	252
4 x 185 SM	26.343,09	26.343,09	2176	52	57	3570	308	289
4 x 240 SM	33.523,09	33.523,09	2822	55	60	4380	363	339

* new colour coding see technical part page 170